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Ernest O. Lawrence Radiation Laboratory

CRYSTAL STRUCTURES AND LATTICE PARAMETERS
OF THE COMPOUNDS OF BERKELIUM.
III. BERKELIUM OXYCHLORIDE

J. R. Peterson and B. B. Cunningham

August 25, 1967

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Berkeley, California

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A COMPILATION OF SELECTED THERMODYNAMIC AND TRANSPORT PROPERTIES OF BINARY ELECTROLYTES IN AQUEOUS SOLUTION

Thomas W. Chapman and John Newman

May, 1968

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A Compilation of Selected Thermodynamic and Transport Properties of Binary Electrolytes in Aqueous Solution

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Inorganic Materials Research Division
Lawrence Radiation Laboratory, and
Department of Chemical Engineering
University of California, Berkeley

May, 1968

Abstract

Data from the literature on properties of binary electrolytes in aqueous solutions are tabulated. The properties include the density, the viscosity, the conductivity, the transference number, the diffusion coefficient, and the activity coefficient.

Introduction

In connection with a survey of the transport properties of electrolytic solutions,[1] data on the density, viscosity, transference number, conductivity, diffusion coefficient, and activity coefficient were compiled from the literature. Most of the data were located with the help of the Chemical Abstracts indices and were taken from the original sources. The search for transference number data was facilitated by a recent review on the measurement of these properties by Kaimakov and Varshavskaya.[2] Many conductance and transference number measurements are summarized in Landolt-Börnstein.[3] Older density, viscosity, and conductance data are available in the International Critical Tables[4] and Timmermans' compilations.[5] To a large extent, activity coefficient data were taken from the Appendix of Robinson and Stokes,[6] for concentrations above 0.1 M. These already represent a smoothing and recalculation of many sets of data.

Form of the Data

Concentrations are expressed in the following forms:

1. Concentration c (moles per liter).
2. Molality m (moles per kg of solvent).
3. Grams of anhydrous solute per one hundred grams of solvent.
4. Mass fraction of anhydrous solute.
5. Normality (equivalents per liter).
6. Moles per kg of solution.

Densities are given as:

1. Density (grams per cubic centimeter).
2. Relative density (the density of the solution divided by the density

of the solvent at the same temperature).

Viscosities are given in the forms:

1. Viscosity (centipoise).
2. Relative viscosity (viscosity of the solution divided by the viscosity of the solvent at the same temperature).

Conductivities are given in the forms:

1. Conductivity (mho/cm).
2. Molar conductance (mho-cm^2/mole).
3. Equivalent conductance (mho-cm^2/equivalent).

Activity coefficients are given in the forms:

1. The activity coefficient γ on a molal basis (kg/mole).
2. The common logarithm of γ.
3. The natural logarithm of γ.
4. $1 + d \ln \gamma / d \ln m$.
5. $1 + d \ln y / d \ln c$, where y is the activity coefficient on a concentration basis (liter/mole).

Diffusion coefficients are in cm^2/sec. The transference numbers (dimensionless) are for the cation.

Phosphoric Acid

The isopiestic data of Elmore, Mason and Christensen[7] were converted to the form $1 + d \ln \gamma / d \ln m$ by the method outlined on p.146 of reference 1. It should be noted that phosphoric acid is treated as a 1-1 electrolyte.

Order of Tables

The data are given in alphabetical order by the chemical formula of the solute and for each solute in order of increasing temperature. The properties are in the order of density, viscosity, conductivity, conductance, transference number, and activity coefficient. At the end of the tables of data the references are collected again, filed alphabetically by the first author and, for each first author, in order of date of publication.

Acknowledgment

This work was supported by the United States Atomic Energy Commission.

References

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2. E. A. Kaimakov and N. L. Varshavskaya. "Measurement of Transport Numbers in Aqueous Solutions of Electrolytes." Uspekhi Khimii, 35, 201-288 (1966).
3. A. Eucken, ed. Landolt-Börnstein. Zahlenwerte und Funktionen aus Physik, Chemie, Astronomie, Geophysik und Technik, 6th ed., vol. 2, part 7. Berlin: Springer-Verlag, 1960.
4. E. W. Washburn, Ed. International Critical Tables of Numerical Data, Physics, Chemistry, and Technology. New York: McGraw-Hill Book Company, Inc., 1926.

5. J. Timmermans. The Physico-Chemical Constants of Binary Systems in Concentrated Solutions. New York, Interscience Publishers, Inc., 1960.

6. R. A. Robinson and R. H. Stokes. Electrolyte Solutions, 2nd Ed. London: Butterworths Scientific Publications, 1959.

7. Elmore, Mason, and Christensen. "Activity of Orthophosphoric Acid in Aqueous Solution at 25° from Vapor Pressure Measurements." J. Am. Chem. Soc. 68, 2528 (1946).

List of Tables

Solute	Temperature °C	Page
$AgClO_4$	25	1
$AgNO_3$	0	2
	25	3
	35	11
	45	14
	95	15
	221.7	16
$BaCl_2$	25	17
$CaCl_2$	15	20
	25	22
	35	27
$CdSO_4$	25	28
$CsCHO_2$	50.5	31
CsCl	25	32
CsI	25	35
$CsNO_3$	25	36
Cs_2SO_4	25	37
$Cu(NO_3)_2$	25	37
$CuSO_4$	25	37
	30	43
	35	45
	40	47
	45	48
	50	50
	55	51
	60	53
HBr	25	54
$HC_2H_3O_2$	25	56
	35	59
HCl	0	59
	25	60
$HClO_4$	0	67
	10	68
	18	70
	20	71
	25	73
	30	78
	40	78
	50	79
HNO_3	-20	79
	-10	80
	0	80
	10	81
	20	82
	25	83
	30	88
	40	89
	50	90
H_3PO_4	25	91
H_2SO_4	10	97
	15	97
	25	98
	35	104
	50	104
KBr	0	105
	15	106
	25	107
	35	110
	45	110
$KBrO_3$	25	111
$KCHO_2$	50.5	112
$KC_2H_3O_2$	25	112
KCl	0	113
	4	116
	5	116
	10	117
	15	117
	18	119
	20	124
	25	126
	30	135
	35	137
	40	141
	45	143
	50	145
	55	149
	60	150
	70	150
$KClO_3$	25	151
$KClO_4$	25	151

List of Tables (cont.)

Solute	Temperature °C	Page
K_2CrO_4	0	152
	25	153
$K_3Fe(CN)_6$	25	153
$K_4Fe(CN)_6$	0	155
	25	156
KH_2PO_4	25	158
KI	25	159
KNO_3	25	161
	30	164
	35	164
	40	165
	45	165
	50	166
	55	166
KOH	25	167
K_3PO_4	25	168
KSCN	25	169
K_2SO_4	0	169
	25	170
$LaCl_3$	0	175
	25	176
LiBr	25	179
LiCl	0	181
	15	182
	18	183
	25	185
	35	190
	50	192
$LiClO_3$	25	194
	131.8	195
$LiClO_4$	25	197
LiF	25	197
$LiNO_3$	0	197
	18	198
	25	199
	35	205
	110	206
Li_2SO_4	25	207
$MgCl_2$	25	210
$MgSO_4$	25	211
NH_4Br	35	216
NH_4Cl	25	217
	35	220
NH_4NO_3	25	221
	35	227
	95	230
	180	231
$(NH_4)_2SO_4$	25	232
NaBr	25	233
$NaC_2H_3O_2$	25	234
NaCl	0	235
	15	239
	18	239
	25	243
	30	251
	35	252
	40	256
	45	257
	50	258
	55	262
NaH_2PO_4	25	263
NaI	25	264
$NaNO_3$	25	266
	30	268
	35	268
	40	269
	45	270
	50	270
	55	271
NaOH	20	271
	25	272
	30.06	276
	35	276
Na_2SO_4	25	277
RbCl	25	281
$SrCl_2$	25	282

List of Tables (cont.)

Solute	Temperature °C	Page
$ZnSO_4$	25	284
	30	290
	35	290
	40	291
	45	291
	50	292
	55	292
	60	293
Bibliography		293

SILVER PERCHLORATE IN WATER AT 25 DEGREES C

TEMP	MS	MO	NU	NU+	NU-	Z+	Z-
25.000	207.320	18.015	2.0	1.0	1.0	1.0	-1.0

CONCENTRATION

	DENSITY
3.68600E-01	1.05753E+00
7.01900E-01	1.11205E+00
1.00400E+00	1.16123E+00
1.14200E+00	1.18337E+00
1.20300E+00	1.19350E+00
1.61100E+00	1.25960E+00
1.85000E+00	1.29820E+00
2.30800E+00	1.37213E+00
2.74800E+00	1.44296E+00
3.31100E+00	1.53383E+00
3.87500E+00	1.62340E+00
4.59100E+00	1.73533E+00
5.98000E+00	1.95499E+00

HAASE, LEHNERT $ JANSEN. Z PHYSIK CHEM NF 42, 32 (1964)

CONCENTRATION

	DENSITY
1.07400E-01	1.01440E+00
2.34800E-01	1.03530E+00
4.64900E-01	1.07330E+00
5.84700E-01	1.11640E+00
9.00100E-01	1.14390E+00
1.42300E+00	1.22940E+00
2.03940E+00	1.32840E+00
2.40270E+00	1.38610E+00
3.07310E+00	1.49470E+00
3.52310E+00	1.56620E+00
4.17970E+00	1.67130E+00
5.60000E+00	1.89620E+00

CAMPBELL $ SINGH. CAN J CHEM 37, 1959 (1959)

CONCENTRATION

	RELATIVE VISCOSITY
1.07400E-01	1.00200E+00
2.34800E-01	1.00600E+00
4.64900E-01	1.01400E+00
5.84700E-01	1.02100E+00
9.00100E-01	1.04400E+00
1.42300E+00	1.07000E+00
2.03940E+00	1.14200E+00
2.40270E+00	1.19400E+00
3.07310E+00	1.30200E+00
3.52310E+00	1.39900E+00
4.17970E+00	1.57100E+00
5.60000E+00	2.13400E+00

CAMPBELL $ SINGH. CAN J CHEM 37, 1959 (1959)

CONCENTRATION

	EQUIVALENT CONDUCTANCE
1.07400E-01	1.10100E+02
2.34800E-01	1.04400E+02
4.64900E-01	9.81500E+01
5.84700E-01	9.62600E+01
9.00100E-01	9.07000E+01
1.42300E+00	8.42300E+01
2.03940E+00	7.69000E+01
2.40270E+00	7.27100E+01
3.07310E+00	6.58300E+01
3.52310E+00	6.13100E+01
4.17970E+00	5.49100E+01
5.60000E+00	4.19500E+01

CAMPBELL $ SINGH. CAN J CHEM 37, 1959 (1959)

CONCENTRATION

	TRANSFERENCE NUMBER
1.07400E-01	4.75000E-01
2.34800E-01	4.68000E-01
5.84700E-01	4.64000E-01
9.00100E-01	4.70000E-01
1.42300E+00	4.76000E-01
2.40270E+00	5.22000E-01
3.07310E+00	5.50000E-01
4.17970E+00	6.13000E-01
1.07400E-01	4.86000E-01
2.34800E-01	5.10000E-01
9.00100E-01	5.18000E-01
1.42300E+00	5.10000E-01
2.40270E+00	5.05000E-01
3.07310E+00	4.75000E-01

CAMPBELL $ SINGH. CAN J CHEM 37, 1959 (1959)

SILVER NITRATE IN WATER AT 0 DEGREES C

TEMP	MS	MO	NU	NU+	NU-	Z+	Z-
-0.	169.870	18.015	2.0	1.0	1.0	1.0	-1.0

CONCENTRATION

	DENSITY
1.00000E-03	9.99910E-01
2.00000E-03	1.00016E+00
5.00000E-03	1.00059E+00
1.00000E-02	1.00132E+00
1.50000E-02	1.00204E+00
2.00000E-02	1.00278E+00
5.00000E-02	1.00714E+00
1.00000E-01	1.01438E+00
2.00000E-01	1.02880E+00
5.00000E-01	1.07174E+00
1.00326E+00	1.14293E+00
2.01570E+00	1.28381E+00
3.03205E+00	1.42306E+00

4.05174E+00	1.56115E+00
5.05000E+00	1.69487E+00

JONES $ COLVIN. JACS 62, 338 (1940)

CONCENTRATION

	RELATIVE VISCOSITY
1.00000E-03	1.00013E+00
2.00000E-03	1.00017E+00
5.00000E-03	1.00021E+00
1.00000E-02	1.00018E+00
1.50000E-02	1.00007E+00
2.00000E-02	1.00000E+00
5.00000E-02	9.99390E-01
1.00000E-01	9.98470E-01
2.00000E-01	9.97010E-01
5.00000E-01	9.97820E-01
1.00326E+00	1.01393E+00
2.01570E+00	1.08576E+00
3.03205E+00	1.19842E+00
4.05174E+00	1.34860E+00
5.05000E+00	1.53375E+00

JONES $ COLVIN. JACS 62, 338 (1940)

SILVER NITRATE IN WATER AT 25 DEGREES C

TEMP	MS	MO	NU	NU+	NU-	Z+	Z-
25.000	169.870	18.015	2.0	1.0	1.0	1.0	-1.0

MASS FRACTION

	DENSITY
1.68000E-02	1.01100E+00
7.83500E-02	1.06580E+00
1.56180E-01	1.14270E+00
2.31200E-01	1.22880E+00
2.67020E-01	1.27430E+00
3.42650E-01	1.38060E+00
4.09780E-01	1.48880E+00
4.62370E-01	1.58740E+00
5.03330E-01	1.67130E+00
5.05570E-01	1.67600E+00
5.80800E-01	1.85660E+00
5.91620E-01	1.88550E+00
6.40300E-01	2.02670E+00
6.83800E-01	2.17130E+00

CAMPBELL $ SINGH. CAN J CHEM 37, 1959 (1959)

MOLALITY

	DENSITY
6.36280E+00	1.70500E+00
6.52200E+00	1.72060E+00
7.98820E+00	1.84310E+00

FIRTH $ TYRRELL. J CHEM SOC 1962, 2042 (1962)

MASS FRACTION

	DENSITY
1.68000E-02	1.01110E+00
1.49600E-01	1.13600E+00
2.66800E-01	1.27300E+00
3.62200E-01	1.40700E+00
4.40800E-01	1.54200E+00
5.05800E-01	1.67500E+00
5.61600E-01	1.80600E+00
6.10700E-01	1.93800E+00
6.54900E-01	2.06900E+00
7.15900E-01	2.29800E+00

CAMPBELL $ KARTZMARK. CAN J RESEARCH 28B, 161 (1950)

CONCENTRATION

	DENSITY
1.00000E-01	1.01100E+00
1.00400E+00	1.13700E+00
1.99800E+00	1.27600E+00
3.02800E+00	1.41300E+00
4.00000E+00	1.54400E+00
5.02900E+00	1.68500E+00
6.00600E+00	1.81000E+00
7.01200E+00	1.94300E+00
8.01100E+00	2.07500E+00
9.01000E+00	2.20300E+00
9.70900E+00	2.29800E+00

CAMPBELL $ KARTZMARK. CAN J RESEARCH 28B, 43 (1950)

CONCENTRATION

	DENSITY
1.00000E+00	1.13700E+00
2.00000E+00	1.27600E+00
3.00000E+00	1.41300E+00
3.98000E+00	1.54400E+00
5.00000E+00	1.68500E+00
5.97000E+00	1.81000E+00
6.95000E+00	1.94300E+00
7.96000E+00	2.07500E+00

CAMPBELL $ KARTZMARK. CAN J RESEARCH 28B, 43 (1950)

CONCENTRATION

	DENSITY
2.00000E-03	9.97360E-01
5.00000E-03	9.97780E-01
1.00000E-02	9.98530E-01
1.50000E-02	9.99190E-01
2.00000E-02	9.99920E-01
5.00000E-02	1.00414E+00
1.00000E-01	1.01118E+00
2.00000E-01	1.02518E+00
5.00000E-01	1.06709E+00
9.97190E-01	1.13601E+00
2.00000E+00	1.27363E+00
3.00425E+00	1.41002E+00
4.01150E+00	1.54565E+00
4.99808E+00	1.67745E+00

JONES $ COLVIN. JACS 62, 338 (1940)

CONCENTRATION	DENSITY
-0.	9.97074E-01
9.89000E-02	1.01120E+00
1.40770E+00	1.19280E+00
1.78300E+00	1.24400E+00
3.04580E+00	1.41570E+00
3.83990E+00	1.52250E+00
5.13130E+00	1.69530E+00
5.20270E+00	1.70490E+00
6.17300E+00	1.83360E+00
7.69960E+00	2.03490E+00
9.62000E+00	2.30190E+00

CAMPBELL, GRAY $ KARTZMARK. CAN J CHEM 31, 617 (1953)

CONCENTRATION	DENSITY
1.01560E-02	9.98420E-01
1.93940E-02	9.99810E-01
2.94590E-02	1.00125E+00
3.99980E-02	1.00278E+00
4.96590E-02	1.00411E+00
5.83130E-02	1.00530E+00
6.83430E-02	1.00675E+00
8.00140E-02	1.00842E+00
8.99610E-02	1.00978E+00
1.00630E-01	1.01127E+00
1.49150E-01	1.01809E+00
1.97970E-01	1.02494E+00
2.99970E-01	1.03920E+00
3.99760E-01	1.05316E+00
5.52710E-01	1.07455E+00
5.95230E-01	1.08033E+00
6.99280E-01	1.09476E+00
7.91540E-01	1.10758E+00
8.95090E-01	1.12196E+00
1.00088E+00	1.13649E+00

CAMPBELL $ FRIESEN. CAN J CHEM 37, 1288 (1959)

CONCENTRATION	VISCOSITY
-0.	8.93700E-01
9.89000E-02	9.00500E-01
1.40770E+00	9.87100E-01
1.78300E+00	1.02080E+00
3.04580E+00	1.16300E+00
3.83990E+00	1.27700E+00
4.25260E+00	1.34270E+00
5.13130E+00	1.50310E+00
5.20270E+00	1.51980E+00
6.17300E+00	1.73420E+00
7.69960E+00	2.16930E+00
9.62000E+00	3.00750E+00

CAMPBELL, GRAY $ KARTZMARK. CAN J CHEM 31, 617 (1953)

CONCENTRATION	RELATIVE VISCOSITY
1.00000E-01	1.00900E+00

4.91600E-01	1.03300E+00
1.05150E+00	1.07800E+00
1.67230E+00	1.13200E+00
2.01630E+00	1.16800E+00
2.78330E+00	1.26000E+00
3.59130E+00	1.38200E+00
4.32560E+00	1.46400E+00
4.95180E+00	1.63200E+00
4.98800E+00	1.63800E+00
6.34760E+00	1.94200E+00
6.56600E+00	1.99000E+00
7.63880E+00	2.26400E+00
8.74000E+00	2.74000E+00

CAMPBELL $ SINGH. CAN J CHEM 37, 1959 (1959)

CONCENTRATION

	RELATIVE VISCOSITY
1.00000E-01	1.00900E+00
1.00400E+00	1.07400E+00
1.99800E+00	1.17700E+00
3.02800E+00	1.30700E+00
4.00000E+00	1.47200E+00
5.02900E+00	1.65800E+00
6.00600E+00	1.89000E+00
7.01200E+00	2.17000E+00
8.01100E+00	2.50500E+00
9.01000E+00	2.99800E+00
9.70900E+00	3.33000E+00

CAMPBELL $ KARTZMARK. CAN J RESEARCH 28B, 43 (1950)

CONCENTRATION

	RELATIVE VISCOSITY
1.00000E+00	1.07500E+00
2.00000E+00	1.17900E+00
3.00000E+00	1.30700E+00
3.98000E+00	1.47300E+00
5.00000E+00	1.65800E+00
5.97000E+00	1.89000E+00
6.95000E+00	2.17000E+00
7.96000E+00	2.50600E+00

CAMPBELL $ KARTZMARK. CAN J RESEARCH 28B, 161 (1950)

CONCENTRATION

	RELATIVE VISCOSITY
2.00000E-03	1.00036E+00
5.00000E-03	1.00068E+00
1.00000E-02	1.00110E+00
1.50000E-02	1.00148E+00
2.00000E-02	1.00177E+00
5.00000E-02	1.00364E+00
1.00000E-01	1.00652E+00
2.00000E-01	1.01224E+00
5.00000E-01	1.03088E+00
9.97190E-01	1.06783E+00
2.00000E+00	1.16788E+00
3.00425E+00	1.29951E+00
4.01150E+00	1.46471E+00
4.99808E+00	1.66223E+00

JONES $ COLVIN. JACS 62, 338 (1940)

CONCENTRATION	RELATIVE VISCOSITY
1.01560E-02	1.00100E+00
1.93940E-02	1.00300E+00
2.94590E-02	1.00400E+00
3.99980E-02	1.00400E+00
4.96590E-02	1.00300E+00
5.83130E-02	1.00300E+00
6.83430E-02	1.00400E+00
8.00140E-02	1.00500E+00
8.99610E-02	1.00500E+00
1.00630E-01	1.00500E+00
1.49150E-01	1.00800E+00
1.97970E-01	1.01100E+00
2.99970E-01	1.01600E+00
3.99760E-01	1.02200E+00
5.52710E-01	1.02700E+00
5.95230E-01	1.03000E+00
6.99280E-01	1.03800E+00
7.91540E-01	1.04600E+00
8.95090E-01	1.05300E+00
1.00088E+00	1.06200E+00

CAMPBELL $ FRIESEN. CAN J CHEM 37, 1288 (1959)

CONCENTRATION	EQUIVALENT CONDUCTANCE
-0.	1.33320E+02
2.75750E-05	1.32910E+02
7.24530E-05	1.32640E+02
1.07100E-04	1.32480E+02
3.53870E-04	1.31580E+02
4.67040E-04	1.31460E+02
7.53800E-04	1.30820E+02
1.00260E-03	1.30450E+02
1.22970E-03	1.30100E+02
1.45300E-03	1.29860E+02
2.90540E-03	1.28440E+02

SHEDLOVSKY. JACS 54, 1411 (1932)

CONCENTRATION	MOLAR CONDUCTANCE
0.	1.33320E+02
1.00000E-04	1.32460E+02
2.00000E-04	1.32080E+02
5.00000E-04	1.31320E+02
1.00000E-03	1.30470E+02
2.00000E-03	1.29320E+02
5.00000E-03	1.27160E+02
1.00000E-02	1.24720E+02
2.00000E-02	1.21370E+02
5.00000E-02	1.15200E+02
1.00000E-01	1.09100E+02

SHEDLOVSKY. JACS 54, 1411 (1932)

CONCENTRATION	EQUIVALENT CONDUCTANCE
1.00000E-01	1.09100E+02

4.91600E-01	8.96900E+01
1.05150E+00	7.67400E+01
1.67230E+00	6.79100E+01
2.01630E+00	6.37400E+01
2.78330E+00	5.69000E+01
3.59130E+00	5.11500E+01
4.32560E+00	4.66900E+01
4.95180E+00	4.34300E+01
4.98800E+00	4.33200E+01
6.34760E+00	3.73400E+01
6.56600E+00	3.64700E+01
7.63880E+00	3.25200E+01
8.74000E+00	2.88700E+01

CAMPBELL $ SINGH. CAN J CHEM 37, 1959 (1959)

CONCENTRATION	MOLAR CONDUCTANCE
1.00000E-01	1.09100E+02
1.00400E+00	7.78200E+01
1.99800E+00	6.42000E+01
3.02800E+00	5.49700E+01
4.00000E+00	4.85000E+01
5.02900E+00	4.31400E+01
6.00600E+00	3.85500E+01
7.01200E+00	3.47000E+01
8.01100E+00	3.12000E+01
9.01000E+00	2.79900E+01
9.70900E+00	2.61000E+01

CAMPBELL $ KARTZMARK. CAN J RESEARCH 28B, 43 (1950)

CONCENTRATION	EQUIVALENT CONDUCTANCE
9.62000E+00	2.61000E+01

CAMPBELL, GRAY $ KARTZMARK. CAN J CHEM 31, 617 (1953)

CONCENTRATION	EQUIVALENT CONDUCTANCE
1.01560E-02	1.24750E+02
1.93940E-02	1.21390E+02
2.94590E-02	1.18920E+02
3.99980E-02	1.16890E+02
4.96590E-02	1.15200E+02
5.83130E-02	1.13930E+02
6.83430E-02	1.12540E+02
8.00140E-02	1.11180E+02
8.99610E-02	1.10070E+02
1.00630E-01	1.09000E+02
1.49150E-01	1.04960E+02
1.97970E-01	1.01770E+02
2.99970E-01	9.66200E+01
3.99760E-01	9.26800E+01
5.52710E-01	8.80600E+01
5.95230E-01	8.67700E+01
6.99280E-01	8.41700E+01
7.91540E-01	8.20700E+01
8.95090E-01	7.99900E+01
1.00088E+00	7.79100E+01

CAMPBELL $ FRIESEN. CAN J CHEM 37, 1288 (1959)

CONCENTRATION
EQUIVALENT CONDUCTANCE
1.00000E-01 1.09230E+02
MAC INNES $ COWPERTHWAITE. TRANS FARADAY SOC 23, 400 (1927)

CONCENTRATION
TRANSFERENCE NUMBER
1.00000E-01 4.68500E-01
MAC INNES $ COWPERTHWAITE. TRANS FARADAY SOC 23, 400 (1927)

CONCENTRATION
TRANSFERENCE NUMBER
1.95000E-01 4.67000E-01
MILIOS $ NEWMAN. UCRL-18105. FEBRUARY, 1968

CONCENTRATION
TRANSFERENCE NUMBER
1.00000E-02 4.64800E-01
2.00000E-02 4.65200E-01
5.00000E-02 4.66400E-01
1.00000E-01 4.68200E-01
MACINNES $ LONGSWORTH. CHEM REV 11, 171 (1932)

CONCENTRATION
TRANSFERENCE NUMBER
9.96200E-02 4.68700E-01
9.96200E-02 4.67600E-01
9.96200E-02 4.67400E-01
1.99500E-01 4.70800E-01
1.99500E-01 4.72300E-01
4.99500E-01 4.81900E-01
4.99500E-01 4.81200E-01
7.36400E-01 4.90000E-01
7.36400E-01 4.86300E-01
9.97800E-01 4.95300E-01
1.10050E+00 5.00700E-01
1.39560E+00 5.07900E-01
1.70130E+00 5.15800E-01
1.70130E+00 5.17000E-01
1.97800E+00 5.21800E-01
1.99850E+00 5.22900E-01
1.99850E+00 5.22900E-01
HAASE, LEHNERT $ JANSEN. Z PHYSIK CHEM NF 42, 32 (1964)

CONCENTRATION
TRANSFERENCE NUMBER
1.00000E-01 4.69000E-01
4.91600E-01 4.79000E-01
1.05150E+00 4.84000E-01
1.67230E+00 5.05000E-01
2.01630E+00 5.08000E-01
2.78330E+00 5.28000E-01
3.59130E+00 5.44000E-01
4.32560E+00 5.47000E-01
4.95180E+00 5.50000E-01
4.98800E+00 5.52000E-01

6.34760E+00	5.64000E-01
6.56600E+00	5.66000E-01
7.63880E+00	5.76000E-01
1.00000E-01	4.70000E-01
4.91600E-01	4.80000E-01
1.05150E+00	4.85000E-01
1.67230E+00	5.04000E-01
2.01630E+00	5.09000E-01
2.78330E+00	5.31000E-01
3.59130E+00	5.48000E-01
4.95180E+00	5.57000E-01
6.56600E+00	5.58000E-01

CAMPBELL $ SINGH. CAN J CHEM 37, 1959 (1959)

CONCENTRATION

	DIFFUSION COEFFICIENT
0.	1.76750E-05
9.44000E-02	1.59100E-05
1.57700E-01	1.54700E-05
2.54300E-01	1.51000E-05
2.68100E-01	1.50800E-05
3.58600E-01	1.41300E-05
5.10000E-01	1.36400E-05
1.02660E+00	1.19400E-05
1.53840E+00	1.08000E-05
2.04030E+00	9.84000E-06
3.00280E+00	8.46000E-06
4.04850E+00	7.48000E-06
5.15900E+00	6.67000E-06
7.02100E+00	6.32000E-06
8.95380E+00	6.00000E-06

JANZ, LAKSHMINARAYANAN, KLOTZKIN $ MAYER. J PHYS CHEM 70,536(1966)

CONCENTRATION

	DIFFUSION COEFFICIENT
2.85000E-03	1.71800E-05
3.22000E-03	1.71900E-05
4.27000E-03	1.71100E-05
4.96000E-03	1.70800E-05
6.28000E-03	1.70100E-05

HARNED $ HILDRETH. JACS 73, 3292 (1951)

CONCENTRATION

	DIFFUSION COEFFICIENT
-0.	1.76800E-05
5.00000E-02	1.62800E-05
1.00000E-01	1.59400E-05
1.00400E-01	1.59300E-05
1.98900E-01	1.54200E-05
2.00000E-01	1.54100E-05
4.92800E-01	1.41600E-05
5.00000E-01	1.41200E-05
9.76100E-01	1.26700E-05
1.00000E+00	1.25800E-05
1.50000E+00	1.14400E-05
2.00000E+00	1.04700E-05
2.50000E+00	9.62000E-06
3.00000E+00	8.85000E-06
3.50000E+00	8.14000E-06

4.00000E+00	7.47000E-06

FIRTH $ TYRRELL. J CHEM SOC 1962, 2042 (1962)

MOLALITY

	GAMMA
1.00000E-01	7.34000E-01
2.00000E-01	6.57000E-01
3.00000E-01	6.06000E-01
4.00000E-01	5.67000E-01
5.00000E-01	5.36000E-01
6.00000E-01	5.09000E-01
7.00000E-01	4.85000E-01
8.00000E-01	4.64000E-01
9.00000E-01	4.46000E-01
1.00000E+00	4.29000E-01
1.20000E+00	3.99000E-01
1.40000E+00	3.74000E-01
1.60000E+00	3.52000E-01
1.80000E+00	3.33000E-01
2.00000E+00	3.16000E-01
2.50000E+00	2.80000E-01
3.00000E+00	2.52000E-01
3.50000E+00	2.29000E-01
4.00000E+00	2.10000E-01
4.50000E+00	1.94000E-01
5.00000E+00	1.81000E-01
5.50000E+00	1.69000E-01
6.00000E+00	1.59000E-01

ROBINSON $ STOKES. ELECTROLYTE SOLUTIONS, 2ND ED (REV) (1959)

MOLALITY

	GAMMA
7.00000E+00	1.42000E-01
8.00000E+00	1.29000E-01
9.00000E+00	1.18000E-01
1.00000E+01	1.09000E-01
1.10000E+01	1.02000E-01
1.20000E+01	9.60000E-02
1.30000E+01	9.00000E-02

ROBINSON $ STOKES. ELECTROLYTE SOLUTIONS, 2ND ED (REV) (1959)

SILVER NITRATE IN WATER AT 35 DEGREES C

TEMP	MS	MO	NU	NU+	NU-	Z+	Z-
35.000	169.870	18.015	2.0	1.0	1.0	1.0	-1.0

CONCENTRATION

	DENSITY
-0.	9.94060E-01
9.86000E-02	1.00820E+00
1.40230E+00	1.18820E+00
1.77570E+00	1.23890E+00
3.03220E+00	1.40940E+00
3.82300E+00	1.51580E+00

4.23060E+00	1.57050E+00
5.10640E+00	1.68740E+00
5.17840E+00	1.69700E+00
6.14380E+00	1.82500E+00
7.66330E+00	2.02530E+00
1.09000E+01	2.45300E+00

CAMPBELL, GRAY $ KARTZMARK. CAN J CHEM 31, 617 (1953)

MOLALITY

	DENSITY
5.28000E-02	1.00180E+00
3.24200E-01	1.03910E+00
8.23400E-01	1.10470E+00
1.73610E+00	1.21950E+00
3.05620E+00	1.37280E+00
4.58790E+00	1.53300E+00
4.93030E+00	1.56640E+00
5.47760E+00	1.61900E+00
7.77090E+00	1.81640E+00
7.90300E+00	1.83120E+00

FIRTH $ TYRRELL. J CHEM SOC 1962, 2042 (1962)

CONCENTRATION

	DENSITY
1.01270E-02	9.95490E-01
1.93350E-02	9.96780E-01
2.93690E-02	9.98200E-01
3.98730E-02	9.99660E-01
4.95070E-02	1.00104E+00
5.81360E-02	1.00224E+00
6.81300E-02	1.00362E+00
7.97630E-02	1.00526E+00
8.96810E-02	1.00663E+00
1.00320E-01	1.00811E+00
1.48670E-01	1.01485E+00
1.97340E-01	1.02167E+00
2.98990E-01	1.03580E+00
3.98420E-01	1.04961E+00
5.50800E-01	1.07082E+00
5.93140E-01	1.07654E+00
6.96790E-01	1.09087E+00
7.88730E-01	1.10364E+00
8.91800E-01	1.11783E+00
9.97130E-01	1.13225E+00

CAMPBELL $ FRIESEN. CAN J CHEM 37, 1288 (1959)

CONCENTRATION

	VISCOSITY
-0.	7.22500E-01
9.86000E-02	7.28900E-01
1.40230E+00	8.10000E-01
1.77570E+00	8.38500E-01
3.03220E+00	9.58400E-01
3.82300E+00	1.05570E+00
4.23060E+00	1.10740E+00
5.10640E+00	1.24010E+00
5.17840E+00	1.25330E+00
6.14380E+00	1.42810E+00
7.66330E+00	1.77860E+00

1.09000E+01	3.02210E+00

CAMPBELL, GRAY $ KARTZMARK. CAN J CHEM 31, 617 (1953)

CONCENTRATION	RELATIVE VISCOSITY
1.01270E-02	1.00200E+00
1.93350E-02	1.00300E+00
2.93690E-02	1.00400E+00
3.98730E-02	1.00400E+00
4.95070E-02	1.00500E+00
5.81360E-02	1.00500E+00
6.81300E-02	1.00700E+00
7.97630E-02	1.00700E+00
8.96810E-02	1.00800E+00
1.00320E-01	1.00800E+00
1.48670E-01	1.01100E+00
1.97340E-01	1.01600E+00
2.98990E-01	1.02200E+00
3.98420E-01	1.02900E+00
5.50800E-01	1.03700E+00
5.93140E-01	1.03800E+00
6.96790E-01	1.05000E+00
7.88730E-01	1.05800E+00
8.91800E-01	1.06600E+00
9.97130E-01	1.07600E+00

CAMPBELL $ FRIESEN. CAN J CHEM 37, 1288 (1959)

CONCENTRATION	MOLAR CONDUCTANCE
9.86000E-02	1.32500E+02
1.40230E+00	8.53700E+01
1.77570E+00	7.95500E+01
3.03220E+00	6.54100E+01
3.82300E+00	5.89100E+01
4.23060E+00	5.60600E+01
5.10640E+00	5.07100E+01
5.17840E+00	5.03200E+01
6.14380E+00	4.52800E+01
7.66330E+00	3.85500E+01
1.09000E+01	2.70000E+01

CAMPBELL, GRAY $ KARTZMARK. CAN J CHEM 31, 617 (1953)

CONCENTRATION	EQUIVALENT CONDUCTANCE
1.01270E-02	1.50040E+02
1.93350E-02	1.46100E+02
2.93690E-02	1.43000E+02
3.98730E-02	1.40550E+02
4.95070E-02	1.38450E+02
5.81360E-02	1.36890E+02
6.81300E-02	1.35220E+02
7.97630E-02	1.33550E+02
8.96810E-02	1.32230E+02
1.00320E-01	1.31010E+02
1.48670E-01	1.26040E+02
1.97340E-01	1.22160E+02
2.98990E-01	1.15910E+02
3.98420E-01	1.11160E+02
5.50800E-01	1.05520E+02

5.93140E-01	1.03960E+02
6.96790E-01	1.00810E+02
7.88730E-01	9.82400E+01
8.91800E-01	9.56300E+01
9.97130E-01	9.32500E+01

CAMPBELL $ FRIESEN. CAN J CHEM 37, 1288 (1959)

CONCENTRATION

	DIFFUSION COEFFICIENT
0.	2.21200E-05
5.00000E-02	2.04800E-05
1.00000E-01	2.02000E-05
2.00000E-01	1.95000E-05
5.00000E-01	1.77600E-05
1.00000E+00	1.58000E-05
1.50000E+00	1.43000E-05
2.00000E+00	1.30400E-05
2.50000E+00	1.18800E-05
3.00000E+00	1.06800E-05
3.50000E+00	9.43000E-06
4.00000E+00	8.19000E-06

FIRTH $ TYRRELL. J CHEM SOC 1962, 2042 (1962)

SILVER NITRATE IN WATER AT 45 DEGREES C

TEMP	MS	MO	NU	NU+	NU-	Z+	Z-
45.000	169.870	18.015	2.0	1.0	1.0	1.0	-1.0

MOLALITY

	DENSITY
2.50000E-02	9.94000E-01
3.63000E-02	4.95800E-01(sic)
1.40600E-01	1.00980E+00
2.64800E-01	1.02310E+00
6.66400E-01	1.08000E+00
9.75100E-01	1.11860E+00
1.71490E+00	1.21150E+00
1.86580E+00	1.22870E+00
2.59060E+00	1.31410E+00
3.57200E+00	1.42080E+00
4.31370E+00	1.49760E+00
5.63240E+00	1.62400E+00
7.18700E+00	1.75980E+00

FIRTH $ TYRRELL. J CHEM SOC 1962, 2042 (1962)

CONCENTRATION

	DIFFUSION COEFFICIENT
0.	2.68200E-05
5.00000E-02	2.54600E-05
9.98000E-02	2.48400E-05
1.00000E-01	2.48400E-05
1.97500E-01	2.40000E-05
2.00000E-01	2.39600E-05
4.89700E-01	2.20500E-05

5.00000E-01	2.20400E-05
9.67400E-01	1.97600E-05
1.00000E+00	1.96000E-05
1.50000E+00	1.76800E-05
2.00000E+00	1.60000E-05
2.50000E+00	1.45400E-05
3.00000E+00	1.33000E-05
3.50000E+00	1.21000E-05
4.00000E+00	1.10200E-05

FIRTH $ TYRRELL. J CHEM SOC 1962, 2042 (1962)

MOLALITY

	DIFFUSION COEFFICIENT
1.00900E-01	2.38600E-05
2.00600E-01	2.33100E-05
5.01700E-01	2.19400E-05
1.00780E+00	1.99900E-05

LONGSWORTH. STRUCTURE OF ELECTROLYTIC SOLUTIONS. ED HAMER. 1959

SILVER NITRATE IN WATER AT 95 DEGREES C

TEMP	MS	MO	NU	NU+	NU-	Z+	Z-
95.000	169.870	18.015	2.0	1.0	1.0	1.0	-1.0

CONCENTRATION

	DENSITY
-0.	9.61920E-01
5.34000E-02	9.69600E-01
1.22000E+00	1.11600E+00
2.18900E+00	1.25200E+00
2.96700E+00	1.36400E+02
4.82900E+00	1.61700E+00
6.59100E+00	1.85200E+00
8.83000E+00	2.15700E+00
9.90600E+00	2.29300E+00
1.18760E+02	2.54000E+00
1.40200E+01	2.81600E+00

CAMPBELL $ KARTZMARK. CAN J CHEM 30, 128 (1952)

CONCENTRATION

	RELATIVE VISCOSITY
5.34000E-02	9.92800E-01
1.22000E+00	1.12200E+00
2.18900E+00	1.26300E+00
2.96700E+00	1.42500E+00
4.82900E+00	1.79700E+00
6.59100E+00	2.28000E+00
8.83000E+00	3.10700E+00
9.90600E+00	3.59000E+00
1.18760E+01	4.26200E+00

CAMPBELL $ KARTZMARK. CAN J CHEM 30, 128 (1952)

CONCENTRATION

	MOLAR CONDUCTANCE
5.34000E-02	2.98300E+02
1.22000E+00	1.72700E+02
2.18900E+00	1.47800E+02
2.96700E+00	1.30800E+02
4.82900E+00	1.03100E+02
6.59100E+00	8.48800E+01
8.83000E+00	6.81200E+01
9.90600E+00	6.12800E+01
1.18760E+01	5.03500E+01
1.40200E+01	4.00800E+01

CAMPBELL $ KARTZMARK. CAN J CHEM 30, 128 (1952)

SILVER NITRATE IN WATER AT 221.7 DEGREES C

TEMP	MS	MO	NU	NU+	NU-	Z+	Z-
221.700	169.870	18.015	2.0	1.0	1.0	1.0	-1.0

CONCENTRATION

	DENSITY
9.65000E-02	8.39300E-01
1.11900E+00	1.00300E+00
1.86800E+00	1.11100E+00
3.13000E+00	1.29600E+00
4.04700E+00	1.41300E+00
4.07600E+00	1.41800E+00
4.90000E+00	1.51500E+00
5.76300E+00	1.65200E+00
6.15900E+00	1.71800E+00
7.09700E+00	1.83100E+00
8.12400E+00	1.98200E+00
9.76100E+00	2.19900E+00
1.19800E+01	2.49500E+00
1.43200E+01	2.83200E+00
1.60100E+01	3.05900E+00
1.77100E+01	3.26800E+00
2.31900E+01	3.94000E+00

CAMPBELL, KARTZMARK, BEDNAS $ HERRON. CAN J CHEM 32, 1051 (1954)

CONCENTRATION

	EQUIVALENT CONDUCTANCE
9.65000E-02	5.81900E+02
1.11900E+00	3.25200E+02
1.86800E+00	2.83000E+02
3.13000E+00	2.27200E+02
4.07600E+00	1.97000E+02
4.90000E+00	1.79800E+02
5.76300E+00	1.63400E+02
6.15900E+00	1.57500E+02
7.09700E+00	1.44200E+02
8.12400E+00	1.29600E+02
9.76100E+00	1.13200E+02
1.19800E+01	9.47800E+01
1.43200E+01	7.83400E+01
1.60100E+01	6.77100E+01

1.77100E+01	5.75400E+01
2.31900E+01	3.10000E+01

CAMPBELL, KARTZMARK, BEDNAS $ HERRON. CAN J CHEM 32, 1051 (1954)

BARIUM CHLORIDE IN WATER AT 25 DEGREES C

TEMP	MS	MO	NU	NU+	NU-	Z+	Z-
25.000	208.250	18.015	3.0	1.0	2.0	2.0	-1.0

CONCENTRATION

	DENSITY
5.00000E-05	9.97083E-01
1.00000E-04	9.97089E-01
2.50000E-04	9.97113E-01
5.00000E-04	9.97159E-01
1.00000E-03	9.97262E-01
2.50000E-03	9.97527E-01
5.00000E-03	9.97989E-01
1.00000E-02	9.98917E-01
2.50000E-02	1.00166E+00
5.00000E-02	1.00623E+00
1.00000E-01	1.01532E+00
2.50000E-01	1.04241E+00
5.01210E-01	1.08729E+00
1.00800E+00	1.17647E+00

JONES $ RAY. JACS 63, 288 (1941)

CONCENTRATION

	DENSITY
4.88910E-02	1.00600E+00

SHEDLOVSKY $ BROWN. JACS 56, 1066 (1934)

CONCENTRATION

	DENSITY
4.99800E-03	9.98210E-01
1.00220E-02	9.98840E-01
2.49920E-02	1.00160E+00
4.92790E-02	1.00600E+00
9.99700E-02	1.01510E+00
2.49760E-01	1.04210E+00
4.96800E-01	1.08660E+00
9.91300E-01	1.17360E+00

JONES $ DOLE. JACS 51, 2950 (1929)

MOLALITY

	VISCOSITY
1.00000E-01	9.15000E-01
2.50000E-01	9.48000E-01
5.00000E-01	1.01000E+00
7.50000E-01	1.07000E+00
1.00000E+00	1.14000E+00
1.25000E+00	1.21000E+00
1.50000E+00	1.30000E+00

1.77600E+00	1.39000E+00

TANAKA. NIPPON KAGAKU ZASSHI 83, 645 (1962)

CONCENTRATION	RELATIVE VISCOSITY
5.00000E-03	1.00248E+00
1.00000E-02	1.00371E+00
2.50000E-02	1.00821E+00
5.00000E-02	1.01474E+00
1.00000E-01	1.02704E+00
2.50000E-01	1.06438E+00
4.97200E-01	1.12893E+00
9.91300E-01	1.28049E+00

JONES $ DOLE. JACS 51, 2950 (1929)

MOLALITY	CONDUCTIVITY
5.00000E-02	1.02700E-02

KONDRATEV $ NIKICH. ZH FIZ KHIM 37, 100 (1963)

CONCENTRATION	EQUIVALENT CONDUCTANCE
0.	1.39980E+02
5.00000E-04	1.34340E+02
1.00000E-03	1.32100E+02
1.50000E-03	1.30480E+02
2.00000E-03	1.29150E+02
2.50000E-03	1.28020E+02
3.00000E-03	1.27030E+02
3.50000E-03	1.26140E+02
4.00000E-03	1.25350E+02
4.50000E-03	1.24620E+02
5.00000E-03	1.23940E+02
1.00000E-02	1.19090E+02
1.50000E-02	1.15830E+02
2.00000E-02	1.13440E+02
2.50000E-02	1.11480E+02
3.00000E-02	1.09860E+02
3.50000E-02	1.08480E+02
4.00000E-02	1.07250E+02
4.50000E-02	1.06160E+02
5.00000E-02	1.05190E+02

SHEDLOVSKY $ BROWN. JACS 56, 1066 (1934)

CONCENTRATION	EQUIVALENT CONDUCTANCE
1.58800E-02	1.22800E+02
3.17600E-02	1.16300E+02
6.35000E-02	1.09900E+02
1.27000E-01	1.02100E+02
1.69400E-01	9.91000E+01
2.25800E-01	9.67000E+01
3.01200E-01	9.42000E+01
3.10400E-01	9.48000E+01
3.81700E-01	9.30000E+01
4.01600E-01	9.10000E+01
5.08940E-01	8.93000E+01
6.20790E-01	8.72000E+01

6.78480E-01	8.58000E+01
7.13860E-01	8.41000E+01
9.04590E-01	8.19000E+01
1.24166E+00	7.80000E+01
1.60808E+00	7.42000E+01
1.86241E+00	6.93000E+01
2.79358E+00	6.02000E+01
2.85542E+00	5.98000E+01
5.35400E-01	8.78000E+01

CALVERT, CORNELIUS, GRIFFITHS $ STOCK. J PHYS CHEM 62, 47 (1958)

NORMALITY

	TRANSFERENCE NUMBER
2.00000E-02	4.39000E-01
5.00000E-02	4.26000E-01
1.00000E-01	4.18000E-01
2.00000E-01	4.06000E-01
5.00000E-01	3.86000E-01
1.00000E+00	3.77000E-01
1.50000E+00	3.74000E-01
2.00000E+00	3.72000E-01

KAIMAKOV $ VERSHAVSKAYA. USP KHIM 35, 201 (1966)

CONCENTRATION

	TRANSFERENCE NUMBER
0.	4.47600E-01
1.00000E-03	4.44400E-01
5.00000E-03	4.40500E-01
1.00000E-02	4.37500E-01
2.50000E-02	4.31700E-01
5.00000E-02	4.25300E-01
1.00000E-01	4.16200E-01
2.50000E-01	3.98600E-01
5.00000E-01	3.79200E-01
1.00000E+00	3.52800E-01
1.03500E+00	3.51400E-01

JONES $ DOLE. JACS 51, 1073 (1929)

CONCENTRATION

	DIFFUSION COEFFICIENT
-0.	1.38700E-05
6.80000E-04	1.33200E-05
9.70000E-04	1.31900E-05
1.09000E-03	1.32100E-05
1.39000E-03	1.30800E-05
2.14000E-03	1.30200E-05
2.29000E-03	1.30100E-05
2.87000E-03	1.28500E-05
4.03000E-03	1.26500E-05
4.52000E-03	1.27100E-05
5.42000E-03	1.26100E-05

HARNED $ POLESTRA. JACS 76, 2064 (1954)

CONCENTRATION

	DIFFUSION COEFFICIENT
1.83300E-02	1.21700E-05
4.23400E-02	1.18600E-05
5.33400E-02	1.17400E-05

1.06600E-01	1.15900E-05
1.41800E-01	1.15200E-05
2.26700E-01	1.15000E-05
3.96800E-01	1.15500E-05
9.21800E-01	1.17800E-05
9.21800E-01	1.17700E-05
1.34420E+00	1.17800E-05
1.44860E+00	1.18100E-05
1.50340E+00	1.18000E-05

VITAGLIANO $ LYONS. JACS 78, 1549 (1956)

MOLALITY

	GAMMA
1.00000E-01	5.08000E-01
2.00000E-01	4.50000E-01
3.00000E-01	4.25000E-01
4.00000E-01	4.11000E-01
5.00000E-01	4.03000E-01
6.00000E-01	3.97000E-01
7.00000E-01	3.97000E-01
8.00000E-01	3.97000E-01
9.00000E-01	3.97000E-01
1.00000E+00	4.01000E-01
1.20000E+00	4.11000E-01
1.40000E+00	4.24000E-01
1.60000E+00	4.39000E-01
1.80000E+00	4.55000E-01

ROBINSON $ STOKES. ELECTROLYTE SOLUTIONS, 2ND ED (REV) (1959)

CALCIUM CHLORIDE IN WATER AT 15 DEGREES C

TEMP	MS	MO	NU	NU+	NU-	Z+	Z-
15.000	110.990	18.015	3.0	1.0	2.0	2.0	-1.0

MASS FRACTION

	DENSITY
0.	9.99000E-01
1.12700E-01	1.09600E+00
1.83700E-01	1.16200E+00
2.20000E-01	1.19800E+00
2.57500E-01	1.23500E+00
2.92100E-01	1.27000E+00
3.27300E-01	1.30700E+00
3.52100E-01	1.33500E+00
3.71500E-01	1.35700E+00
3.90300E-01	1.37900E+00
4.08700E-01	1.40000E+00
4.11300E-01	1.41000E+00

TIMMERMANS. PHYSICO-CHEMICAL CONSTANTS OF BINARY SYSTEMS, 1960

MASS FRACTION

	DENSITY
0.	9.99100E-01
3.86000E-02	1.03200E+00

8.01000E-02	1.06840E+00
1.40800E-01	1.12390E+00
2.25000E-01	1.20700E+00
2.30600E-01	1.21260E+00
2.82300E-01	1.26760E+00
3.78900E-01	1.37730E+00

TIMMERMANS. PHYSICO-CHEMICAL CONSTANTS OF BINARY SYSTEMS, 1960

MASS FRACTION

	VISCOSITY
0.	1.13360E+00
1.12700E-01	1.52800E+00
1.83700E-01	1.98000E+00
2.20000E-01	2.32400E+00
2.57500E-01	2.79500E+00
2.92100E-01	3.46800E+00
3.27300E-01	4.60400E+00
3.52100E-01	5.86100E+00
3.71500E-01	7.08900E+00
3.90300E-01	8.75600E+00
4.08700E-01	1.09450E+01
4.11300E-01	1.17090E+01

TIMMERMANS. PHYSICO-CHEMICAL CONSTANTS OF BINARY SYSTEMS, 1960

NORMALITY

	EQUIVALENT CONDUCTANCE
5.00000E-04	1.05300E+02
1.00000E-03	1.04050E+02
2.00000E-03	1.02350E+02
3.00000E-03	1.01110E+02
5.00000E-03	9.92800E+01
7.00000E-03	9.78900E+01
1.00000E-02	9.62400E+01

BENSON $ GORDON. J CHEM PHYS 13, 470 (1945)

NORMALITY

	TRANSFERENCE NUMBER
1.99900E-02	4.19200E-01
1.99900E-02	4.19100E-01
1.99950E-02	4.19000E-01
2.99800E-02	4.15400E-01
2.99700E-02	4.15600E-01
5.00200E-02	4.10400E-01
5.00600E-02	4.10100E-01
5.00600E-02	4.10100E-01
5.00600E-02	4.10400E-01
9.98700E-02	4.02400E-01
5.02900E-02	4.10400E-01
9.98700E-02	4.02100E-01
1.00040E-01	4.02300E-01
1.49930E-01	3.96500E-01
1.49930E-01	3.96500E-01
1.50010E-01	3.96600E-01

KEENAN,MC LEOD $ GORDON. J CHEM PHYS 13, 466 (1945)

CONCENTRATION

	DIFFUSION COEFFICIENT
2.50000E-03	9.13000E-06

1.00000E-02	8.93000E-06
4.00000E-02	8.76000E-06
9.00000E-02	8.71000E-06
2.50000E-01	8.78000E-06
4.90000E-01	8.98000E-06

HOLLINGSHEAD $ GORDON. J CHEM PHYS 9, 152 (1941)

CALCIUM CHLORIDE IN WATER AT 25 DEGREES C

TEMP	MS	MO	NU	NU+	NU-	Z+	Z-
25.000	110.990	18.015	3.0	1.0	2.0	2.0	-1.0

CONCENTRATION

	DENSITY
3.97640E-02	1.00070E+00
4.94930E-02	1.00161E+00
1.19558E-01	1.00791E+00
1.27298E-01	1.00868E+00

SHEDLOVSKY $ BROWN. JACS 56, 1066 (1934)

CONCENTRATION

	DENSITY
2.51800E+00	1.20720E+00
3.94900E+00	1.31660E+00
4.05400E+00	1.32390E+00
4.46700E+00	1.35310E+00
4.53600E+00	1.35820E+00
4.98400E+00	1.38910E+00
5.04200E+00	1.39340E+00
5.37100E+00	1.41390E+00
5.47700E+00	1.42130E+00
5.96400E+00	1.45180E+00
6.04300E+00	1.45770E+00

LYONS $ RILEY. JACS 76, 5216 (1954)

CONCENTRATION

	RELATIVE VISCOSITY
9.53000E-02	1.03100E+00
1.91800E-01	1.06200E+00
3.72400E-01	1.11900E+00
6.37300E-01	1.20800E+00
7.52000E-01	1.24700E+00
7.79800E-01	1.25900E+00
8.79700E-01	1.29700E+00
1.08240E+00	1.37700E+00
1.11550E+00	1.39100E+00
1.39800E+00	1.52300E+00
1.52500E+00	1.58400E+00
1.91700E+00	1.81200E+00
2.01600E+00	1.87300E+00
2.51800E+00	2.26300E+00
3.20200E+00	3.03500E+00
3.29800E+00	3.17900E+00
3.94900E+00	4.46100E+00

4.05400E+00	4.73400E+00
4.46700E+00	6.03900E+00
4.53600E+00	6.31400E+00
4.98400E+00	8.47500E+00
5.04200E+00	8.90500E+00
5.37100E+00	1.10100E+01
5.47700E+00	1.19100E+01
5.96400E+00	1.70100E+01
6.04300E+00	1.82700E+01

LYONS $ RILEY. JACS 76, 5216 (1954)

NORMALITY

	EQUIVALENT CONDUCTANCE
5.00000E-04	1.31900E+02
1.00000E-03	1.30320E+02
2.00000E-03	1.28200E+02
3.00000E-03	1.26610E+02
5.00000E-03	1.24230E+02
7.00000E-03	1.22470E+02
1.00000E-02	1.20380E+02

BENSON $ GORDON. J CHEM PHYS 13, 470 (1945)

MOLALITY

	CONDUCTIVITY
5.01200E-02	1.00500E-02
1.01100E-01	1.84900E-02
2.50000E-01	4.10900E-02
5.01500E-01	7.49000E-02
9.85100E-01	1.19700E-01

KONDRATEV $ NIKICH. ZH FIZ KHIM 37, 100 (1963)

CONCENTRATION

	EQUIVALENT CONDUCTANCE
-0.	1.35840E+02
5.00000E-04	1.30360E+02
1.00000E-03	1.28200E+02
1.50000E-03	1.26620E+02
2.00000E-03	1.25340E+02
2.50000E-03	1.24250E+02
3.00000E-03	1.23290E+02
3.50000E-03	1.22450E+02
4.00000E-03	1.21700E+02
4.50000E-03	1.21000E+02
5.00000E-03	1.20360E+02
1.00000E-02	1.15650E+02
1.50000E-02	1.12580E+02
2.00000E-02	1.10300E+02
2.50000E-02	1.08470E+02
3.00000E-02	1.06910E+02
3.50000E-02	1.05590E+02
4.00000E-02	1.04430E+02
4.50000E-02	1.03400E+02
5.00000E-02	1.02460E+02

SHEDLOVSKY $ BROWN. JACS 56, 1066 (1934)

NORMALITY

	TRANSFERENCE NUMBER
1.00000E-02	4.26400E-01

2.00000E-02	4.22000E-01
5.00000E-02	4.14000E-01
1.00000E-01	4.06000E-01
2.00000E-01	3.95300E-01

LONGSWORTH. JACS 57, 1185 (1935)

NORMALITY

	TRANSFERENCE NUMBER
9.99700E-03	4.27800E-01
9.97500E-03	4.28000E-01
1.99720E-02	4.23300E-01
1.99720E-02	4.23100E-01
1.99950E-02	4.23000E-01
1.99950E-02	4.23400E-01
1.99970E-02	4.23400E-01
2.00610E-02	4.23500E-01
2.99190E-02	4.20300E-01
2.99190E-02	4.20100E-01
3.00650E-02	4.20300E-01
4.99910E-02	4.15000E-01
4.99910E-02	4.15100E-01
5.00510E-02	4.15000E-01
5.00510E-02	4.15000E-01
5.00510E-02	4.15100E-01
6.97700E-02	4.11600E-01
7.00100E-02	4.11500E-01
9.61800E-02	4.07700E-01
9.71400E-02	4.07700E-01
9.72100E-02	4.07300E-01
9.98500E-02	4.07100E-01
1.44280E-01	4.01700E-01
1.49970E-01	4.01000E-01
1.50140E-01	4.01200E-01

KEENAN,MC LEOD $ GORDON. J CHEM PHYS 13, 466 (1945)

NORMALITY

	TRANSFERENCE NUMBER
-0.	4.38000E-01
5.00000E-03	4.30700E-01
1.00000E-02	4.27700E-01
2.00000E-02	4.23400E-01
3.00000E-02	4.20200E-01
5.00000E-02	4.15100E-01
7.00000E-02	4.11300E-01
1.00000E-01	4.07000E-01
1.50000E-01	4.01000E-01

KEENAN,MC LEOD $ GORDON. J CHEM PHYS 13, 466 (1945)

NORMALITY

	TRANSFERENCE NUMBER
2.00000E-02	4.20000E-01
5.00000E-02	4.13000E-01
1.00000E-01	4.04000E-01
2.00000E-01	3.87000E-01
5.00000E-01	3.39000E-01
1.00000E+00	2.89000E-01
1.50000E+00	2.68000E-01
2.00000E+00	2.59000E-01
3.00000E+00	2.53000E-01

5.00000E+00	2.52000E-01
6.00000E+00	2.51000E-01

KAIMAKOV $ VERSHAVSKAYA. USP KHIM 35, 201 (1966)

CONCENTRATION	DIFFUSION COEFFICIENT
2.81300E-02	1.15300E-05
5.47000E-02	1.13600E-05
1.02000E-01	1.12200E-05
1.93000E-01	1.12300E-05
3.14200E-01	1.13200E-05
4.69400E-01	1.15200E-05
6.70600E-01	1.17700E-05
1.00000E+00	1.22000E-05
1.44200E+00	1.27100E-05
1.46200E+00	1.27100E-05
2.04600E+00	1.31000E-05
2.57000E+00	1.31100E-05
3.25000E+00	1.24800E-05
4.00100E+00	1.07800E-05
4.48600E+00	9.19000E-06
5.01200E+00	7.16300E-06
5.42400E+00	5.71500E-06
6.00400E+00	4.02000E-06

LYONS $ RILEY. JACS 76, 5216 (1954)

CONCENTRATION	DIFFUSION COEFFICIENT
2.50000E-03	1.20400E-05
1.00000E-02	1.16200E-05
4.00000E-02	1.13500E-05
9.00000E-02	1.12800E-05
2.50000E-01	1.13800E-05
4.90000E-01	1.16200E-05

HOLLINGSHEAD $ GORDON. J CHEM PHYS 9, 152 (1941)

CONCENTRATION	DIFFUSION COEFFICIENT
1.50000E-02	1.15500E-05
2.50000E-02	1.14300E-05
7.00000E-02	1.11300E-05
1.00000E-01	1.11000E-05
2.00000E-01	1.11100E-05
3.00000E-01	1.11800E-05
5.00000E-01	1.14000E-05
7.00000E-01	1.16600E-05
1.00000E+00	1.20300E-05
1.50000E+00	1.26300E-05
2.00000E+00	1.30700E-05
2.50000E+00	1.30600E-05
3.00000E+00	1.26500E-05
3.25000E+00	1.23300E-05
3.50000E+00	1.19500E-05

HALL, WISHAW $ STOKES. JACS 75, 1556 (1953)

CONCENTRATION	DIFFUSION COEFFICIENT
5.00000E-02	1.12900E-05

1.00000E-01	1.12000E-05
2.00000E-01	1.11700E-05
3.00000E-01	1.11900E-05
4.00000E-01	1.12400E-05
5.00000E-01	1.13200E-05
6.00000E-01	1.14800E-05
7.00000E-01	1.16700E-05
8.00000E-01	1.18900E-05
9.00000E-01	1.21500E-05
1.00000E+00	1.24300E-05

ROBINSON $ CHIA. JACS 74, 2776 (1952)

CONCENTRATION

	DIFFUSION COEFFICIENT
-0.	1.33640E-05
1.05000E-03	1.24800E-05
1.73000E-03	1.23500E-05
1.83000E-03	1.23100E-05
1.93000E-03	1.22500E-05
2.30000E-03	1.21800E-05
3.09000E-03	1.19900E-05
4.29000E-03	1.19200E-05
5.01000E-03	1.17900E-05

HARNED $ LEVY. JACS 71, 2781 (1949)

CONCENTRATION

	DIFFUSION COEFFICIENT
-0.	1.33600E-05
1.70000E-03	1.25100E-05
2.10000E-03	1.23600E-05
3.20000E-03	1.22700E-05
4.30000E-03	1.21400E-05
5.40000E-03	1.20900E-05
7.00000E-03	1.20000E-05
1.20000E-02	1.18300E-05
1.39000E-02	1.17500E-05
1.62000E-02	1.16700E-05
2.81000E-02	1.15300E-05
5.47000E-02	1.13600E-05
1.02000E-01	1.12200E-05

HARNED $ PARKER. JACS 77, 265 (1955)

MOLALITY

	GAMMA
1.00000E-01	5.18000E-01
2.00000E-01	4.72000E-01
3.00000E-01	4.55000E-01
4.00000E-01	4.48000E-01
5.00000E-01	4.48000E-01
6.00000E-01	4.53000E-01
7.00000E-01	4.60000E-01
8.00000E-01	4.70000E-01
9.00000E-01	4.84000E-01
1.00000E+00	5.00000E-01
1.20000E+00	5.39000E-01
1.40000E+00	5.87000E-01
1.60000E+00	6.44000E-01
1.80000E+00	7.12000E-01
2.00000E+00	7.92000E-01

2.50000E+00	1.06300E+00
3.00000E+00	1.48300E+00
3.50000E+00	2.08000E+00
4.00000E+00	2.93000E+00
4.50000E+00	4.17000E+00
5.00000E+00	5.89000E+00
5.50000E+00	8.18000E+00
6.00000E+00	1.11100E+01

ROBINSON $ STOKES. ELECTROLYTE SOLUTIONS, 2ND ED (REV) (1959)

CALCIUM CHLORIDE IN WATER AT 35 DEGREES C

TEMP	MS	MO	NU	NU+	NU-	Z+	Z-
35.000	110.990	18.015	3.0	1.0	2.0	2.0	-1.0

NORMALITY

	EQUIVALENT CONDUCTANCE
5.00000E-04	1.60580E+02
1.00000E-03	1.58640E+02
2.00000E-03	1.55970E+02
3.00000E-03	1.53980E+02
5.00000E-03	1.51030E+02
7.00000E-03	1.48840E+02
1.00000E-02	1.46210E+02

BENSON $ GORDON. J CHEM PHYS 13, 470 (1945)

NORMALITY

	TRANSFERENCE NUMBER
0.	4.42700E-01
5.00000E-03	4.35400E-01
1.00000E-02	4.42400E-01
2.00000E-02	4.28100E-01
3.00000E-02	4.24900E-01
5.00000E-02	4.19800E-01
7.00000E-02	4.16000E-01
1.00000E-01	4.11700E-01
1.50000E-01	4.05700E-01

KEENAN,MC LEOD $ GORDON. J CHEM PHYS 13, 466 (1945)

CONCENTRATION

	DIFFUSION COEFFICIENT
2.50000E-03	1.53000E-05
1.00000E-02	1.47500E-05
4.00000E-02	1.43300E-05
9.00000E-02	1.42200E-05
2.50000E-01	1.43200E-05
4.90000E-01	1.46200E-05

HOLLINGSHEAD $ GORDON. J CHEM PHYS 9, 152 (1941)

CADMIUM SULFATE IN WATER AT 25 DEGREES C

TEMP	MS	MO	NU	NU+	NU-	Z+	Z-
25.000	208.460	18.015	2.0	1.0	1.0	2.0	-2.0

CONCENTRATION

	RELATIVE DENSITY
6.90000E-05	1.00002E+00
1.18000E-04	1.00003E+00
1.93000E-04	1.00004E+00
2.68000E-04	1.00006E+00
3.43000E-04	1.00007E+00
3.95000E-04	1.00008E+00
4.83000E-04	1.00011E+00
5.77000E-04	1.00012E+00
6.77000E-04	1.00015E+00
8.04000E-04	1.00017E+00
9.43000E-04	1.00019E+00
1.10800E-03	1.00023E+00
1.36200E-03	1.00028E+00
1.62200E-03	1.00033E+00
1.99700E-03	1.00041E+00
2.35700E-03	1.00048E+00
2.78700E-03	1.00057E+00
3.26400E-03	1.00066E+00
3.78700E-03	1.00077E+00
4.41000E-03	1.00090E+00
5.31500E-03	1.00108E+00
6.29400E-03	1.00128E+00
7.24700E-03	1.00147E+00
8.17600E-03	1.00165E+00

ASMUS. ANN DER PHYSIK, SER 5, 35, 1 (1939)

MOLALITY

	VISCOSITY
-0.	8.88500E-01
2.55000E-01	1.05700E+00
5.07000E-01	1.21900E+00
1.02900E+00	1.71300E+00
1.55900E+00	2.38800E+00
2.10500E+00	3.39200E+00
2.66900E+00	4.79500E+00

DEMICHOWICZ-PIGONIOWA. ROCZNIKI CHEMII 36, 1677 (1962)

NORMALITY

	VISCOSITY
5.00000E-02	9.18300E-01
1.00000E-01	9.27200E-01
2.50000E-01	9.73000E-01
5.00000E-01	1.03900E+00
1.00000E+00	1.20800E+00
1.50000E+00	1.40900E+00
2.00000E+00	1.64400E+00
2.50000E+00	1.93500E+00
3.00000E+00	2.29200E+00
3.50000E+00	2.71000E+00
4.00000E+00	3.20500E+00
4.50000E+00	3.84300E+00
5.00000E+00	4.63800E+00

DEMICHOWICZ-PIGONIOWA. ROCZNIKI CHEMII 33, 203 (1959)

CONCENTRATION

	RELATIVE VISCOSITY
6.90000E-05	1.00020E+00
1.18000E-04	1.00028E+00
1.93000E-04	1.00032E+00
2.68000E-04	1.00042E+00
3.43000E-04	1.00046E+00
3.95000E-04	1.00053E+00
4.83000E-04	1.00054E+00
5.77000E-04	1.00064E+00
6.77000E-04	1.00071E+00
8.04000E-04	1.00080E+00
9.43000E-04	1.00090E+00
1.10800E-03	1.00105E+00
1.36200E-03	1.00124E+00
1.62200E-03	1.00140E+00
1.99700E-03	1.00173E+00
2.35700E-03	1.00202E+00
2.78700E-03	1.00228E+00
3.26400E-03	1.00263E+00
3.78700E-03	1.00294E+00
4.41000E-03	1.00341E+00
5.31500E-03	1.00393E+00
6.29400E-03	1.00465E+00
7.24700E-03	1.00534E+00
8.17600E-03	1.00593E+00

ASMUS. ANN DER PHYSIK, SER 5, 35, 1 (1939)

NORMALITY

	EQUIVALENT CONDUCTANCE
2.00000E-04	1.22500E+02
5.00000E-04	1.18000E+02
1.00000E-03	1.13000E+02
2.00000E-03	1.05500E+02
5.00000E-03	9.25000E+01
1.00000E-02	8.19000E+01
2.00000E-02	7.03000E+01
5.00000E-02	5.67000E+01
1.00000E-01	4.87500E+01
2.00000E-01	4.17000E+01
5.00000E-01	3.32000E+01
7.00000E-01	3.02000E+01
1.00000E+00	2.70000E+01
1.30000E+00	2.43000E+01
2.00000E+00	2.04000E+01

DEMASSIEUX $ FEDOROFF. ANN DE CHIM, SER 11, 16, 215 (1941)

MOLALITY

	TRANSFERENCE NUMBER
2.40000E+00	1.99000E-01
2.21100E+00	2.07000E-01
1.96100E+00	2.20000E-01
1.64000E+00	2.34000E-01
1.29700E+00	2.49000E-01
9.75000E-01	2.66000E-01
7.38400E-01	2.80000E-01
5.05800E-01	2.95000E-01

2.36100E-01	3.30000E-01
9.95000E-02	3.70000E-01
5.21600E-02	3.84000E-01
1.28600E-02	3.84000E-01
4.73100E-03	3.84000E-01
1.73700E-03	3.84000E-01

LANG $ KING. JACS 76, 4716 (1954)

MOLALITY

	TRANSFERENCE NUMBER
1.00000E-02	3.97000E-01
3.33000E-02	3.88000E-01
1.00000E-01	3.58000E-01
3.33000E-01	3.09000E-01
1.00000E+00	2.44000E-01
2.06000E+00	1.72000E-01

BRECK. TRANS FARADAY SOC 52, 247 (1956)

CONCENTRATION

	DIFFUSION COEFFICIENT
1.00000E-03	9.16000E-06
3.00000E-03	8.86000E-06
5.00000E-03	8.64000E-06
7.00000E-03	8.42000E-06
1.21000E-02	7.89000E-06
2.11000E-02	7.61000E-06
3.51000E-02	7.42000E-06
5.90000E-02	7.19000E-06

GOKHSHTEIN. ZHUR FIZ KHIM 28, 1417 (1954)

MOLALITY

	DIFFUSION COEFFICIENT
5.02000E-02	6.00000E-06
9.18000E-02	5.66000E-06
1.82800E-01	5.19000E-06
5.00500E-01	4.36000E-06

LONGSWORTH. STRUCTURE OF ELECTROLYTIC SOLUTIONS. ED HAMER. 1959

MOLALITY

	GAMMA
5.00000E-04	7.74000E-01
1.00000E-03	6.99000E-01
3.00000E-03	5.51000E-01
5.00000E-03	4.76000E-01
1.00000E-02	3.83000E-01
3.00000E-02	2.54000E-01
5.00000E-02	1.99000E-01
1.00000E-01	1.37000E-01
5.00000E-01	6.05000E-02
1.00000E+00	4.18000E-02
1.50000E+00	3.85000E-02
2.00000E+00	3.04000E-02
2.50000E+00	2.82000E-02
3.00000E+00	2.61000E-02
3.50000E+00	3.60000E-02

LA MER $ PARKS. J AM CHEM SOC 53, 2040 (1931)

MOLALITY

	GAMMA
1.00000E-01	1.50000E-01
2.00000E-01	1.03000E-01
3.00000E-01	8.22000E-02
4.00000E-01	6.99000E-02
5.00000E-01	6.15000E-02
6.00000E-01	5.53000E-02
7.00000E-01	5.05000E-02
8.00000E-01	4.68000E-02
9.00000E-01	4.38000E-02
1.00000E+00	4.15000E-02
1.20000E+00	3.79000E-02
1.40000E+00	3.55000E-02
1.60000E+00	3.38000E-02
1.80000E+00	3.27000E-02
2.00000E+00	3.21000E-02
2.50000E+00	3.17000E-02
3.00000E+00	3.29000E-02
3.50000E+00	3.56000E-02

ROBINSON $ STOKES. ELECTROLYTE SOLUTIONS, 2ND ED (REV) (1959)

MOLALITY

	GAMMA
5.00000E-02	2.90000E-01
1.00000E-01	2.00000E-01
2.00000E-01	1.30000E-01
5.00000E-01	8.00000E-02
1.00000E+00	5.00000E-02
3.70000E+00	4.00000E-02

GETMAN. J PHYS CHEM 32, 91 (1928)

MOLALITY

	GAMMA
1.00000E-01	1.66000E-01
2.00000E-01	1.13000E-01
3.00000E-01	9.02000E-02
4.00000E-01	7.66000E-02
5.00000E-01	6.74000E-02
7.00000E-01	5.54000E-02
1.00000E+00	4.55000E-02
1.50000E+00	3.78000E-02
2.00000E+00	3.52000E-02
2.50000E+00	3.49000E-02
3.00000E+00	3.62000E-02
3.50000E+00	3.88000E-02

ROBINSON $ JONES. JACS 58, 959 (1936)

CESIUM FORMATE IN WATER AT 50.5 DEGREES C

TEMP	MS	MO	NU	NU+	NU-	Z+	Z-
50.500	177.920	18.015	2.0	1.0	1.0	1.0	-1.0

CONCENTRATION

	DENSITY
-0.	9.87800E-01
1.19300E+00	1.14200E+00
2.41400E+00	1.30300E+00
4.89200E+00	1.61300E+00
9.06800E+00	2.14700E+00

RICE $ KRAUS. PROC NAT ACAD SCI 39, 802 (1953)

CONCENTRATION	VISCOSITY
-0.	5.44900E-01
7.49600E-01	5.84700E-01
1.78400E+00	6.53300E-01
2.80800E+00	7.31300E-01
3.98900E+00	8.50000E-01
5.81900E+00	1.11700E+00
6.83400E+00	1.33800E+00
8.20300E+00	1.80900E+00
9.60500E+00	2.61200E+00

RICE $ KRAUS. PROC NAT ACAD SCI 39, 802 (1953)

CONCENTRATION	MOLAR CONDUCTANCE
3.05500E-01	1.53500E+02
5.43000E-01	1.45800E+02
8.10400E-01	1.38100E+02
1.40000E+00	1.25600E+02
1.78500E+00	1.18900E+02
2.43700E+00	1.09500E+02
3.23100E+00	9.88400E+01
4.62900E+00	8.17800E+01
6.91300E+00	5.43300E+01
9.03400E+00	3.31800E+01
1.00600E+01	2.48400E+01
1.01300E+01	2.48000E+01

RICE $ KRAUS. PROC NAT ACAD SCI 39, 802 (1953)

CESIUM CHLORIDE IN WATER AT 25 DEGREES C

TEMP	MS	MO	NU	NU+	NU-	Z+	Z-
25.000	168.360	18.015	2.0	1.0	1.0	1.0	-1.0

CONCENTRATION	DENSITY
5.00200E-01	1.06100E+00
1.00000E+00	1.12430E+00
2.26900E+00	1.28290E+00
2.99700E+00	1.37330E+00
3.99800E+00	1.49660E+00
5.00100E+00	1.61970E+00
5.99800E+00	1.74080E+00

LYONS $ RILEY. JACS 76, 5216 (1954)

MOLALITY

	DENSITY
3.95700E-01	1.04680E+00
8.01900E-01	1.09580E+00
1.49420E+00	1.17490E+00
2.39600E+00	1.27060E+00
3.63260E+00	1.39030E+00
5.39660E+00	1.53810E+00
7.66750E+00	1.70540E+00
1.05990E+01	1.88360E+00

LENGYEL, TAMAS, GIBER $ HOLDERITH. MAGY KEM FOLY 70, 66 (1964)

MOLALITY

	DENSITY
5.00300E-01	1.05957E+00
9.82600E-01	1.11691E+00
1.50230E+00	1.17578E+00
2.00200E+00	1.22981E+00
2.50640E+00	1.28188E+00
3.01230E+00	1.33181E+00
3.50300E+00	1.37820E+00
4.00450E+00	1.42364E+00
4.50260E+00	1.46695E+00
5.01440E+00	1.50962E+00

STAKHANOVA $ VASILEV. ZH FIZ KHIM 37, 1568 (1963)

MOLALITY

	VISCOSITY
3.95700E-01	8.76900E-01
8.01900E-01	8.63500E-01
1.49420E+00	8.53500E-01
2.39600E+00	8.44900E-01
3.63260E+00	8.59700E-01
5.39660E+00	8.98800E-01
7.66750E+00	9.90900E-01
1.05990E+01	1.18030E+00

LENGYEL, TAMAS, GIBER $ HOLDERITH. MAGY KEM FOLY 70, 66 (1964)

CONCENTRATION

	RELATIVE VISCOSITY
5.97500E-01	9.80000E-01
1.50900E+00	9.64000E-01
2.26700E+00	9.56000E-01
3.08800E+00	9.77000E-01
4.05800E+00	1.01000E+00

SATOH $ HAYASHI. BULL CHEM SOC JAPAN 34, 1260 (1961)

CONCENTRATION

	RELATIVE VISCOSITY
5.00200E-01	9.78900E-01
1.00000E+00	9.63100E-01
2.26900E+00	9.46400E-01
2.99700E+00	9.52500E-01
3.99800E+00	9.82100E-01
5.00100E+00	1.03600E+00
5.99800E+00	1.12900E+00

LYONS $ RILEY. JACS 76, 5216 (1954)

CONCENTRATION	MOLAR CONDUCTANCE
9.76560E-04	1.53000E+02
1.95300E-03	1.50700E+02
3.90600E-03	1.48300E+02
7.81200E-03	1.46400E+02
1.56250E-02	1.43300E+02
3.12500E-02	1.39000E+02

LANDOLT-BORNSTEIN. VOL 2, PART 7 (1960)

CONCENTRATION	CONDUCTIVITY
2.44100E-04	3.73100E-05
4.88300E-04	7.45600E-05
9.76600E-04	1.49900E-04
1.95300E-03	2.94400E-04
3.90600E-03	5.83200E-04
7.81200E-03	1.15800E-03

LANDOLT-BORNSTEIN. VOL 2, PART 7 (1960)

CONCENTRATION	TRANSFERENCE NUMBER
2.00000E-02	3.90000E-01
5.00000E-02	3.77000E-01
1.00000E-01	3.65000E-01
2.00000E-01	3.46000E-01
5.00000E-01	3.36000E-01

KAIMAKOV $ VERSHAVSKAYA. USP KHIM 35, 201 (1966)

CONCENTRATION	DIFFUSION COEFFICIENT
-0.	2.04600E-05
1.22000E-03	2.00700E-05
1.31000E-03	2.01200E-05
1.34000E-03	2.01100E-05
1.79000E-03	2.00200E-05
2.66000E-03	1.99000E-05
2.75000E-03	1.98800E-05
3.14000E-03	1.99400E-05
3.68000E-03	1.99000E-05
8.49000E-03	1.96500E-05
1.28700E-02	1.94600E-05

HARNED, BLANDER $ HILDRETH. JACS 76, 4219 (1954)

CONCENTRATION	DIFFUSION COEFFICIENT
6.25000E-02	1.88700E-05
9.00000E-02	1.87400E-05
1.60000E-01	1.85900E-05
2.50000E-01	1.85500E-05
3.60000E-01	1.85500E-05
6.40000E-01	1.86800E-05
1.00000E+00	1.90200E-05
1.96000E+00	2.02300E-05
3.06000E+00	2.18300E-05
4.00000E+00	2.29100E-05
5.00000E+00	2.36400E-05

5.75000E+00	2.35400E-05
6.00000E+00	2.33500E-05

LYONS $ RILEY. JACS 76, 5216 (1954)

MOLALITY

	GAMMA
1.00000E-01	7.56000E-01
2.00000E-01	6.94000E-01
3.00000E-01	6.56000E-01
4.00000E-01	6.28000E-01
5.00000E-01	6.06000E-01
6.00000E-01	5.89000E-01
7.00000E-01	5.75000E-01
8.00000E-01	5.63000E-01
9.00000E-01	5.53000E-01
1.00000E+00	5.44000E-01
1.20000E+00	5.29000E-01
1.40000E+00	5.18000E-01
1.60000E+00	5.09000E-01
1.80000E+00	5.01000E-01
2.00000E+00	4.96000E-01
2.50000E+00	4.85000E-01
3.00000E+00	4.79000E-01
3.50000E+00	4.75000E-01
4.00000E+00	4.74000E-01
4.50000E+00	4.74000E-01
5.00000E+00	4.75000E-01
5.50000E+00	4.77000E-01
6.00000E+00	4.80000E-01

ROBINSON $ STOKES. ELECTROLYTE SOLUTIONS, 2ND ED (REV) (1959)

MOLALITY

	GAMMA
7.00000E+00	4.86000E-01
8.00000E+00	4.96000E-01
9.00000E+00	5.03000E-01
1.00000E+01	5.08000E-01
1.10000E+01	5.12000E-01

ROBINSON $ STOKES. ELECTROLYTE SOLUTIONS, 2ND ED (REV) (1959)

CESIUM IODIDE IN WATER AT 25 DEGREES C

TEMP	MS	MO	NU	NU+	NU-	Z+	Z-
25.000	259.810	18.015	2.0	1.0	1.0	1.0	-1.0

CONCENTRATION

	DENSITY
1.00000E-04	9.97101E-01
2.00000E-04	9.97119E-01
5.00000E-04	9.97183E-01
1.00000E-03	9.97288E-01
2.00000E-03	9.97474E-01
5.00000E-03	9.98101E-01
1.00000E-02	9.99100E-01

2.00000E-02	1.00112E+00
5.00000E-02	1.00718E+00
1.00000E-01	1.01726E+00
2.00000E-01	1.03739E+00

JONES $ RAY. JACS 63, 288 (1941)

CESIUM NITRATE IN WATER AT 25 DEGREES C

TEMP	MS	MO	NU	NU+	NU-	Z+	Z-
25.000	194.910	18.015	2.0	1.0	1.0	1.0	-1.0

CONCENTRATION

	DENSITY
-0.	9.97074E-01
1.00000E-04	9.97088E-01
2.00000E-04	9.97101E-01
5.00000E-04	9.97138E-01
1.00000E-03	9.97212E-01
2.00000E-03	9.97361E-01
5.00000E-03	9.97791E-01
1.00000E-02	9.98509E-01
2.00000E-02	9.99944E-01
2.00000E-02	1.00426E+00
1.00010E-01	1.01143E+00

JONES $ RAY. JACS 59, 187 (1937)

CONCENTRATION

	DENSITY
5.00000E-04	9.97140E-01
1.00000E-03	9.97205E-01
2.00000E-03	9.97350E-01
5.00000E-03	9.97788E-01
1.00000E-02	9.98517E-01
2.00000E-02	9.99953E-01

JONES $ TALLEY. JACS 55, 624 (1933)

CONCENTRATION

	RELATIVE VISCOSITY
5.00000E-04	1.00003E+00
1.00000E-03	1.00003E+00
2.00000E-03	1.00000E+00
5.00000E-03	9.99860E-01
1.00000E-02	9.99520E-01
2.00000E-02	9.98760E-01

JONES $ TALLEY. JACS 55, 624 (1933)

CONCENTRATION

	DIFFUSION COEFFICIENT
7.70000E-03	1.90700E-05
1.37800E-02	1.88600E-05
1.41200E-02	1.87100E-05

HARNED $ SHROPSHIRE. JACS 80, 2967 (1958)

CESIUM SULFATE IN WATER AT 25 DEGREES C

TEMP	MS	MO	NU	NU+	NU-	Z+	Z-
25.000	361.870	18.015	3.0	2.0	1.0	1.0	-2.0

CONCENTRATION

	DIFFUSION COEFFICIENT
-0.	1.56900E-05
9.60000E-04	1.49000E-05
1.02000E-03	1.48400E-05
1.12000E-03	1.48900E-05
1.20000E-03	1.48200E-05
1.50000E-03	1.47000E-05
2.48000E-03	1.44200E-05
2.51000E-03	1.44100E-05
3.78000E-03	1.43500E-05
4.68000E-03	1.41900E-05
4.72000E-03	1.42400E-05

HARNED $ BLAKE. JACS 73, 5882 (1951)

CUPRIC NITRATE IN WATER AT 25 DEGREES C

TEMP	MS	MO	NU	NU+	NU-	Z+	Z-
25.000	187.550	18.015	3.0	1.0	2.0	2.0	-1.0

CONCENTRATION

	DENSITY
2.34500E-02	1.00085E+00
4.79000E-02	1.00457E+00
1.00600E-01	1.01238E+00
1.21600E-01	1.01547E+00
1.76200E-01	1.02396E+00
2.50200E-01	1.03515E+00
5.00300E-01	1.07262E+00
5.81900E-01	1.08478E+00

HAASE, LEHNERT $ JANSEN. Z PHYSIK CHEM NF 42, 32 (1964)

CUPRIC SULFATE IN WATER AT 25 DEGREES C

TEMP	MS	MO	NU	NU+	NU-	Z+	Z-
25.000	159.600	18.015	2.0	1.0	1.0	2.0	-2.0

MOLALITY

	DENSITY

-0.	9.97074E-01
1.00000E-01	1.01323E+00
2.00000E-01	1.02914E+00
4.00000E-01	1.06039E+00
6.00000E-01	1.09099E+00
8.00000E-01	1.12102E+00
1.00000E+00	1.15059E+00
1.19640E+00	1.17908E+00
1.41820E+00	1.21071E+00

PEARCE $ PUMPLIN. JACS 59, 1221 (1937)

NORMALITY

	DENSITY
5.68000E-01	1.04070E+00
1.13600E+00	1.08480E+00
1.70400E+00	1.12810E+00
2.27200E+00	1.17080E+00

HERZ. Z ANORG CHEMIE 89, 393 (1914)

CONCENTRATION

	RELATIVE DENSITY
3.41000E-04	1.00006E+00
6.79000E-04	1.00012E+00
6.96000E-04	1.00013E+00
1.01400E-03	1.00018E+00
1.42400E-03	1.00025E+00
2.02000E-03	1.00035E+00
2.67800E-03	1.00046E+00
3.17300E-03	1.00055E+00
3.66300E-03	1.00063E+00
4.38700E-03	1.00075E+00
5.09700E-03	1.00087E+00
5.79200E-03	1.00099E+00
6.69200E-03	1.00114E+00
7.99000E-03	1.00136E+00
9.23800E-03	1.00156E+00

ASMUS. ANN DER PHYSIK, SER 5, 35, 1 (1939)

CONCENTRATION

	RELATIVE DENSITY
3.41000E-04	1.00006E+00
6.79000E-04	1.00011E+00
6.96000E-04	1.00011E+00
1.01400E-03	1.00017E+00
1.42400E-03	1.00023E+00
2.02000E-03	1.00033E+00
2.67800E-03	1.00044E+00
3.17300E-03	1.00052E+00
3.66300E-03	1.00060E+00
4.38700E-03	1.00072E+00
5.09700E-03	1.00084E+00
5.79200E-03	1.00095E+00
6.69200E-03	1.00110E+00
7.99000E-03	1.00131E+00
9.23800E-03	1.00152E+00

ASMUS. Z PHYSIK 108, 491 (1938)

MASS FRACTION

	DENSITY
3.19700E-02	1.03016E+00
6.39400E-02	1.06455E+00
9.59100E-02	1.10063E+00
1.27900E-01	1.13834E+00

HOLLER $ PEFFER. JACS 38, 1021 (1916)

CONCENTRATION	RELATIVE VISCOSITY
3.41000E-04	1.00062E+00
6.79000E-04	1.00096E+00
6.96000E-04	1.00100E+00
1.01400E-03	1.00125E+00
1.42400E-03	1.00164E+00
2.02000E-03	1.00217E+00
2.67800E-03	1.00275E+00
3.17300E-03	1.00308E+00
3.66300E-03	1.00334E+00
4.38700E-03	1.00390E+00
5.09700E-03	1.00441E+00
5.79200E-03	1.00491E+00
6.69200E-03	1.00552E+00
7.99000E-03	1.00633E+00
9.23800E-03	1.00725E+00

ASMUS. ANN DER PHYSIK, SER 5, 35, 1 (1939)

CONCENTRATION	RELATIVE VISCOSITY
3.41000E-04	1.00061E+00
6.79000E-04	1.00094E+00
6.96000E-04	1.00099E+00
1.01400E-03	1.00124E+00
1.42400E-03	1.00163E+00
2.02000E-03	1.00215E+00
2.67800E-03	1.00273E+00
3.17300E-03	1.00306E+00
3.66300E-03	1.00332E+00
4.38700E-03	1.00388E+00
5.09700E-03	1.00438E+00
5.79200E-03	1.00487E+00
6.69200E-03	1.00548E+00
7.99000E-03	1.00629E+00
9.23800E-03	1.00721E+00

ASMUS. Z PHYSIK 108, 491 (1938)

NORMALITY	RELATIVE VISCOSITY
5.68000E-01	1.20000E+00
1.13600E+00	1.44500E+00
1.70400E+00	1.72200E+00
2.27200E+00	2.05100E+00

HERZ. Z ANORG CHEMIE 89, 393 (1914)

CONCENTRATION	MOLAR CONDUCTANCE
-0.	2.61800E+02
1.00000E-04	2.49000E+02
2.50000E-04	2.40000E+02

5.00000E-04	2.30000E+02
1.00000E-03	2.16600E+02
2.50000E-03	1.91000E+02
5.00000E-03	1.67000E+02
1.00000E-02	1.44500E+02
2.50000E-02	1.17900E+02
5.00000E-02	1.02000E+02
1.00000E-01	8.72000E+01
2.50000E-01	7.05000E+01
3.50000E-01	6.44000E+01
5.00000E-01	5.80000E+01
6.50000E-01	5.35000E+01
1.00000E+00	4.62000E+01

FEDOROFF. ANN DE CHIMIE,SER 11, 16, 154 (1941)

NORMALITY

	CONDUCTIVITY
1.00000E-01	5.05000E-03
2.50000E-01	1.02300E-02
5.00000E-01	1.74400E-02
1.00000E+00	2.94800E-02

HALLSTROM. SOC SCI FENNICA COMM PHYS MATH 1 (20) 1 (1922)

CONCENTRATION

	CONDUCTIVITY
2.00300E-01	1.53000E-02
4.00500E-01	2.21000E-02
6.00800E-01	3.48000E-02
8.01000E-01	4.23000E-02

RICHARDSON $ TAYLOR. TRANS AM ELECTROCHEM SOC 20, 179 (1911)

CONCENTRATION

	CONDUCTIVITY
3.95800E-04	9.37500E-05
9.36500E-04	2.03410E-04
1.87400E-03	3.70320E-04
2.68900E-03	5.01360E-04
3.65120E-03	6.45210E-04
4.78900E-03	8.04290E-04
6.45170E-03	1.02163E-03
8.19450E-03	1.23519E-03
1.01478E-02	1.46193E-03
1.26639E-02	1.73870E-03
1.50319E-02	1.98787E-03
3.97000E-04	9.40300E-05
8.57200E-04	1.88130E-04
1.39950E-03	2.88580E-04
1.99660E-03	3.90710E-04
3.02810E-03	5.53230E-04
4.12820E-03	7.13140E-04
5.50980E-03	9.00420E-04
7.10030E-03	1.10255E-03
9.58160E-03	1.39739E-03
1.17779E-02	1.64307E-03
4.94500E-04	1.14960E-04
2.04700E-03	3.99180E-04
5.03490E-03	8.37670E-04
8.84740E-03	1.31259E-03
1.30020E-02	1.77552E-03

1.78080E-02	2.26833E-03
2.41750E-02	2.87538E-03
3.16500E-02	3.54280E-03
3.98700E-02	4.23690E-03
4.71510E-02	4.82580E-03
5.56800E-02	5.49120E-03
6.65730E-02	6.31000E-03
7.74140E-02	7.09730E-03
9.73930E-02	8.49050E-03
1.15265E-01	9.68450E-03

OWEN $ GURRY. JACS 60, 3074 (1938)

CONCENTRATION	CONDUCTIVITY
1.57400E-01	1.23110E-02
3.14800E-01	2.10790E-02
4.72100E-01	2.84300E-02
6.29500E-01	3.49600E-02
7.86900E-01	4.07000E-02
9.44300E-01	4.54100E-02
1.10200E+00	4.94800E-02
1.25900E+00	5.29100E-02
1.41600E+00	5.56500E-02

SKOWRONSKI $ REINOSO. TRANS AM ELECTROCHEM SOC 52, 205 (1927)

CONCENTRATION	CONDUCTIVITY
2.00300E-01	1.48000E-02
4.00500E-01	2.52000E-02
5.48700E-01	3.30000E-02
6.00800E-01	3.33000E-02
8.01000E-01	4.02000E-02

KERN $ CHANG. TRANS AM ELECTROCHEM SOC 41, 181 (1922)

CONCENTRATION	TRANSFERENCE NUMBER
-0.	4.03000E-01
1.24900E-01	3.54800E-01
1.55700E-01	3.47200E-01
2.80100E-01	3.23700E-01
4.23000E-01	3.05500E-01
5.13100E-01	3.04000E-01

FRITZ $ FUGET. J PHYS CHEM 62, 303 (1958)

CONCENTRATION	DIFFUSION COEFFICIENT
3.50000E-01	4.95000E-06
4.00000E-01	4.86000E-06
6.00000E-01	4.45000E-06
8.00000E-01	4.24000E-06
1.00000E+00	4.07000E-06
1.20000E+00	3.95000E-06
1.40400E+00	3.83000E-06

EMANUEL $ OLANDER. J CHEM ENGG DATA 8, 31 (1963)

CONCENTRATION	DIFFUSION COEFFICIENT

2.80000E-03	7.47400E-06
4.20000E-03	7.31400E-06
5.60000E-03	7.15900E-06
7.00000E-03	7.04900E-06
8.40000E-03	6.92200E-06
9.80000E-03	6.80500E-06
1.12000E-02	6.72600E-06
1.26000E-02	6.64600E-06
1.40000E-02	6.57900E-06
1.54000E-02	6.49700E-06
1.96000E-02	6.37500E-06
2.58000E-02	6.27000E-06
2.80000E-02	6.20800E-06
3.08000E-02	6.15900E-06
3.36000E-02	6.11300E-06
3.64000E-02	6.07900E-06
4.20000E-02	6.01200E-06
7.00000E-02	5.78600E-06
9.80000E-02	5.64400E-06
1.40000E-01	5.49300E-06
1.68000E-01	5.41800E-06
2.10000E-01	5.34900E-06
2.52000E-01	5.31200E-06
2.80000E-01	5.23800E-06
3.50000E-01	5.23100E-06

EVERSOLE, KINDSVATER $ PETERSON. J PHYS CHEM 46, 370 (1942)

MOLALITY

	GAMMA
1.00000E-01	1.50000E-01
2.00000E-01	1.04000E-01
3.00000E-01	8.29000E-02
4.00000E-01	7.04000E-02
5.00000E-01	6.20000E-02
6.00000E-01	5.59000E-02
7.00000E-01	5.12000E-02
8.00000E-01	4.75000E-02
9.00000E-01	4.46000E-02
1.00000E+00	4.23000E-02
1.20000E+00	3.88000E-02
1.40000E+00	3.65000E-02

ROBINSON $ STOKES. ELECTROLYTE SOLUTIONS, 2ND ED (REV) (1959)

MOLALITY

	LOG(GAMMA)
2.02400E-02	-5.20000E-01
2.73500E-02	-5.77000E-01
3.16200E-02	-6.01000E-01
5.00000E-02	-6.84000E-01
8.83000E-02	-8.06000E-01
9.93000E-02	-8.31000E-01
1.71900E-01	-9.70000E-01
3.16200E-01	-1.10400E+00
3.51800E-01	-1.13200E+00
5.00000E-01	-1.21000E+00
9.99000E-01	-1.37900E+00

WETMORE $ GORDON. J CHEM PHYS 5, 60 (1937)

MOLALITY

	GAMMA
5.00000E-02	2.16000E-01
1.00000E-01	1.53000E-01
2.00000E-01	1.07000E-01
5.00000E-01	6.44000E-02
1.38000E+00	3.78000E-02

NIELSEN $ BROWN. JACS 49, 2423 (1927)

MOLALITY

	GAMMA
5.00000E-03	5.73000E-01
1.00000E-02	4.38000E-01
2.00000E-02	3.17000E-01
5.00000E-02	2.17000E-01
1.00000E-01	1.54000E-01
2.00000E-01	1.05000E-01
5.00000E-01	6.50000E-02
1.00000E+00	4.50000E-02

GETMAN. J PHYS CHEM 34, 1454 (1930)

MOLALITY

	GAMMA
1.00000E-01	1.64000E-01
2.00000E-01	1.14000E-01
3.00000E-01	9.12000E-02
4.00000E-01	7.74000E-02
5.00000E-01	6.82000E-02
7.00000E-01	5.63000E-02
1.00000E+00	4.65000E-02
1.38000E+00	4.03000E-02

ROBINSON $ JONES. JACS 58, 959 (1936)

MOLALITY

	GAMMA
5.00000E-03	5.47000E-01
1.00000E-02	4.18000E-01
2.00000E-02	3.05000E-01
5.00000E-02	2.03000E-01
1.00000E-01	1.44000E-01
2.00000E-01	1.00000E-01
5.00000E-01	6.00000E-02
1.00000E+00	4.10000E-02

GETMAN. J PHYS CHEM 34, 1454 (1930)

CUPRIC SULFATE IN WATER AT 30 DEGREES C

TEMP	MS	MO	NU	NU+	NU-	Z+	Z-
30.000	159.600	18.015	2.0	1.0	1.0	2.0	-2.0

MOLALITY

	DENSITY
9.92000E-02	1.01100E+00
1.96500E-01	1.02700E+00

2.92100E-01	1.04200E+00
3.86200E-01	1.05700E+00
4.78500E-01	1.07100E+00
5.69300E-01	1.08500E+00
6.58600E-01	1.09800E+00
7.46300E-01	1.11000E+00
8.32600E-01	1.12400E+00
9.17500E-01	1.13600E+00
1.00100E+00	1.14900E+00
1.08300E+00	1.16100E+00
1.16400E+00	1.17200E+00
1.24400E+00	1.18400E+00
1.32100E+00	1.19500E+00
1.39800E+00	1.20500E+00
1.51000E+00	1.22300E+00

SURYANARAYANA $ ALAMELU. BULL CHEM SOC JAPAN 32, 333 (1959)

MOLALITY

	DENSITY
1.10400E+00	1.16440E+00
4.07100E-01	1.05990E+00
1.76400E-01	1.02360E+00
1.07600E-01	1.01300E+00
5.59000E-02	1.00400E+00
6.70000E-03	9.96600E-01

TOURKY $ EL WAKKAD. J CHEM SOC 1948, 740

MOLALITY

	VISCOSITY
9.92000E-02	8.34300E-01
1.96500E-01	8.56900E-01
2.92100E-01	9.05700E-01
3.86200E-01	9.46600E-01
4.78500E-01	9.97700E-01
5.69300E-01	1.03100E+00
6.58600E-01	1.06200E+00
7.46300E-01	1.12300E+00
8.32600E-01	1.19000E+00
9.17500E-01	1.23200E+00
1.00100E+00	1.28200E+00
1.08300E+00	1.34200E+00
1.16400E+00	1.39200E+00
1.24400E+00	1.46300E+00
1.32100E+00	1.52800E+00
1.39800E+00	1.60800E+00
1.51000E+00	1.73200E+00

ALAMELU $ SURYANARAYANA. ACTA CHIM ACAD SCI HUNG 21, 333 (1959)

MOLALITY

	RELATIVE VISCOSITY
9.92000E-02	1.04200E+00
1.96500E-01	1.07000E+00
2.92100E-01	1.13100E+00
3.86200E-01	1.18200E+00
4.78500E-01	1.24600E+00
5.69300E-01	1.28800E+00
6.58600E-01	1.32600E+00
7.46300E-01	1.40300E+00
8.32600E-01	1.48500E+00

9.17500E-01	1.53900E+00
1.00100E+00	1.60200E+00
1.08300E+00	1.67500E+00
1.16400E+00	1.73800E+00
1.24400E+00	1.82700E+00
1.32100E+00	1.90800E+00
1.39800E+00	2.00900E+00
1.51000E+00	2.16200E+00

SURYANARAYANA $ ALAMELU. BULL CHEM SOC JAPAN 32, 333 (1959)

MOLALITY	CONDUCTIVITY
9.92000E-02	9.66100E-03
1.96500E-01	1.63800E-02
2.92100E-01	2.17900E-02
3.86200E-01	2.67300E-02
4.78500E-01	3.04200E-02
5.69300E-01	3.41300E-02
6.58600E-01	3.84200E-02
7.46300E-01	4.07500E-02
8.32600E-01	4.48200E-02
9.17500E-01	4.71900E-02
1.00100E+00	5.00300E-02
1.08300E+00	5.25300E-02
1.16400E+00	5.50200E-02
1.24400E+00	5.65000E-02
1.32100E+00	5.82500E-02
1.39800E+00	5.97700E-02

SURYANARAYANA $ ALAMELU. BULL CHEM SOC JAPAN 32, 333 (1959)

CUPRIC SULFATE IN WATER AT 35 DEGREES C

TEMP	MS	MO	NU	NU+	NU-	Z+	Z-
35.000	159.600	18.015	2.0	1.0	1.0	2.0	-2.0

MOLALITY	DENSITY
9.92000E-02	1.00900E+00
1.96500E-01	1.02500E+00
2.92100E-01	1.04000E+00
3.86200E-01	1.05400E+00
4.78500E-01	1.06800E+00
5.69300E-01	1.08200E+00
6.58600E-01	1.09500E+00
7.46300E-01	1.10900E+00
8.32600E-01	1.12100E+00
9.17500E-01	1.13300E+00
1.00100E+00	1.14600E+00
1.08300E+00	1.15800E+00
1.16400E+00	1.17000E+00
1.24400E+00	1.18100E+00
1.32100E+00	1.19200E+00
1.39800E+00	1.20300E+00
1.65000E+00	1.24900E+00

SURYANARAYANA $ ALAMELU. BULL CHEM SOC JAPAN 32, 333 (1959)

MOLALITY	VISCOSITY
9.92000E-02	7.56300E-01
1.96500E-01	7.78900E-01
2.92100E-01	8.11900E-01
3.86200E-01	8.46800E-01
4.78500E-01	8.84900E-01
5.69300E-01	9.19600E-01
6.58600E-01	9.52100E-01
7.46300E-01	9.99300E-01
8.32600E-01	1.04200E+00
9.17500E-01	1.08500E+00
1.00100E+00	1.12300E+00
1.08300E+00	1.16900E+00
1.16400E+00	1.29900E+00
1.24400E+00	1.27200E+00
1.32100E+00	1.32200E+00
1.39800E+00	1.38200E+00
1.65000E+00	1.60200E+00

ALAMELU $ SURYANARAYANA. ACTA CHIM ACAD SCI HUNG 21, 333 (1959)

MOLALITY	RELATIVE VISCOSITY
9.92000E-02	1.04700E+00
1.96500E-01	1.07800E+00
2.92100E-01	1.12400E+00
3.86200E-01	1.17200E+00
4.78500E-01	1.22500E+00
5.69300E-01	1.27300E+00
6.58600E-01	1.31800E+00
7.46300E-01	1.38500E+00
8.32600E-01	1.44200E+00
9.17500E-01	1.50200E+00
1.00100E+00	1.55500E+00
1.08300E+00	1.61900E+00
1.16400E+00	1.68700E+00
1.24400E+00	1.76000E+00
1.32100E+00	1.83000E+00
1.39800E+00	1.91400E+00
1.65000E+00	2.21700E+00

SURYANARAYANA $ ALAMELU. BULL CHEM SOC JAPAN 32, 333 (1959)

MOLALITY	CONDUCTIVITY
9.92000E-02	1.04100E-02
1.96500E-01	1.73800E-02
2.92100E-01	2.34300E-02
3.86200E-01	2.87400E-02
4.78500E-01	3.32100E-02
5.69300E-01	3.77800E-02
6.58600E-01	4.15100E-02
7.46300E-01	4.48200E-02
8.32600E-01	4.87200E-02
9.17500E-01	5.17200E-02
1.00100E+00	5.50800E-02
1.08300E+00	5.82100E-02
1.16400E+00	6.00900E-02
1.24400E+00	6.16900E-02

1.32100E+00	6.34100E-02
1.39800E+00	6.52800E-02

SURYANARAYANA $ ALAMELU. BULL CHEM SOC JAPAN 32, 333 (1959)

CUPRIC SULFATE IN WATER AT 40 DEGREES C

TEMP	MS	MO	NU	NU+	NU-	Z+	Z-
40.000	159.600	18.015	2.0	1.0	1.0	2.0	-2.0

MOLALITY

	DENSITY
9.92000E-02	1.00700E+00
1.96500E-01	1.02300E+00
2.92100E-01	1.03800E+00
3.86200E-01	1.05200E+00
4.78500E-01	1.06600E+00
5.69300E-01	1.08000E+00
6.58600E-01	1.09300E+00
7.46300E-01	1.10600E+00
8.32600E-01	1.11900E+00
9.17500E-01	1.13100E+00
1.00100E+00	1.14300E+00
1.08300E+00	1.15500E+00
1.16400E+00	1.16700E+00
1.24400E+00	1.17900E+00
1.32100E+00	1.19000E+00
1.39800E+00	1.20000E+00
1.80000E+00	1.25100E+00

SURYANARAYANA $ ALAMELU. BULL CHEM SOC JAPAN 32, 333 (1959)

MOLALITY

	VISCOSITY
9.92000E-02	6.86800E-01
1.96500E-01	7.11200E-01
2.92100E-01	7.33800E-01
3.86200E-01	7.63000E-01
4.78500E-01	7.91600E-01
5.69300E-01	8.25800E-01
6.58600E-01	8.55900E-01
7.46300E-01	8.93300E-01
8.32600E-01	9.22800E-01
9.17500E-01	9.62500E-01
1.00100E+00	9.97000E-01
1.08300E+00	1.03600E+00
1.16400E+00	1.07600E+00
1.24400E+00	1.12000E+00
1.32100E+00	1.16100E+00
1.39800E+00	1.21300E+00
1.80000E+00	1.48700E+00

ALAMELU $ SURYANARAYANA. ACTA CHIM ACAD SCI HUNG 21, 333 (1959)

MOLALITY

	RELATIVE VISCOSITY
9.92000E-02	1.04700E+00

1.96500E-01	1.08400E+00
2.92100E-01	1.11900E+00
3.86200E-01	1.16300E+00
4.78500E-01	1.20700E+00
5.69300E-01	1.25900E+00
6.58600E-01	1.30500E+00
7.46300E-01	1.36200E+00
8.32600E-01	1.41700E+00
9.17500E-01	1.46700E+00
1.00100E+00	1.52000E+00
1.08300E+00	1.58000E+00
1.16400E+00	1.64000E+00
1.24400E+00	1.70800E+00
1.32100E+00	1.77100E+00
1.39800E+00	1.85000E+00
1.80000E+00	2.26600E+00

SURYANARAYANA $ ALAMELU. BULL CHEM SOC JAPAN 32, 333 (1959)

MOLALITY	CONDUCTIVITY
9.92000E-02	1.14300E-02
1.96500E-01	1.86700E-02
2.92100E-01	2.50400E-02
3.86200E-01	3.06300E-02
4.78500E-01	3.57600E-02
5.69300E-01	4.06200E-02
6.58600E-01	4.48200E-02
7.46300E-01	4.87200E-02
8.32600E-01	5.25300E-02
9.17500E-01	5.65000E-02
1.00100E+00	5.94200E-02
1.08300E+00	6.16900E-02
1.16400E+00	6.44100E-02
1.24400E+00	6.69100E-02
1.32100E+00	6.90100E-02
1.39800E+00	7.07800E-02

SURYANARAYANA $ ALAMELU. BULL CHEM SOC JAPAN 32, 333 (1959)

CUPRIC SULFATE IN WATER AT 45 DEGREES C

TEMP	MS	MO	NU	NU+	NU-	Z+	Z-
45.000	159.600	18.015	2.0	1.0	1.0	2.0	-2.0

MOLALITY	DENSITY
9.92000E-02	1.00500E+00
1.96500E-01	1.02100E+00
2.92100E-01	1.03500E+00
3.86200E-01	1.05000E+00
4.78500E-01	1.06400E+00
5.69300E-01	1.07700E+00
6.58600E-01	1.09100E+00
7.46300E-01	1.10400E+00
8.32600E-01	1.11600E+00
9.17500E-01	1.12900E+00

1.00100E+00	1.14100E+00
1.08300E+00	1.15300E+00
1.16400E+00	1.16500E+00
1.24400E+00	1.17600E+00
1.32100E+00	1.18800E+00
1.39800E+00	1.19800E+00
1.95000E+00	1.26800E+00

SURYANARAYANA $ ALAMELU. BULL CHEM SOC JAPAN 32, 333 (1959)

MOLALITY

	VISCOSITY
9.92000E-02	6.22000E-01
1.96500E-01	6.46800E-01
2.92100E-01	6.64600E-01
3.86200E-01	6.90000E-01
4.78500E-01	7.15700E-01
5.69300E-01	7.43700E-01
6.58600E-01	7.72000E-01
7.46300E-01	8.01900E-01
8.32600E-01	8.32000E-01
9.17500E-01	8.59800E-01
1.00100E+00	8.32300E-01
1.08300E+00	9.23400E-01
1.16400E+00	9.53500E-01
1.24400E+00	9.91700E-01
1.32100E+00	1.02800E+00
1.39800E+00	1.06900E+00
1.95000E+00	1.34500E+00

ALAMELU $ SURYANARAYANA. ACTA CHIM ACAD SCI HUNG 21, 333 (1959)

MOLALITY

	RELATIVE VISCOSITY
9.92000E-02	1.03900E+00
1.96500E-01	1.08000E+00
2.92100E-01	1.11000E+00
3.86200E-01	1.15200E+00
4.78500E-01	1.19500E+00
5.69300E-01	1.24200E+00
6.58600E-01	1.28900E+00
7.46300E-01	1.33900E+00
8.32600E-01	1.38900E+00
9.17500E-01	1.43600E+00
1.00100E+00	1.49000E+00
1.08300E+00	1.54200E+00
1.16400E+00	1.59200E+00
1.24400E+00	1.65600E+00
1.32100E+00	1.71700E+00
1.39800E+00	1.78600E+00
1.95000E+00	2.24600E+00

SURYANARAYANA $ ALAMELU. BULL CHEM SOC JAPAN 32, 333 (1959)

MOLALITY

	CONDUCTIVITY
9.92000E-02	1.19100E-02
1.96500E-01	1.97700E-02
2.92100E-01	2.66800E-02
3.86200E-01	3.24800E-02
4.78500E-01	3.82000E-02
5.69300E-01	4.33800E-02

6.58600E-01	4.80300E-02
7.46300E-01	5.17200E-02
8.32600E-01	5.65000E-02
9.17500E-01	6.03200E-02
1.00100E+00	6.33900E-02
1.08300E+00	6.65800E-02
1.16400E+00	6.94700E-02
1.24400E+00	7.26900E-02
1.32100E+00	7.45800E-02
1.39800E+00	7.59800E-02

SURYANARAYANA $ ALAMELU. BULL CHEM SOC JAPAN 32, 333 (1959)

CUPRIC SULFATE IN WATER AT 50 DEGREES C

TEMP	MS	MO	NU	NU+	NU-	Z+	Z-
50.000	159.600	18.015	2.0	1.0	1.0	2.0	-2.0

MOLALITY

	DENSITY
9.92000E-02	1.00300E+00
1.96500E-01	1.01900E+00
2.92100E-01	1.03300E+00
3.86200E-01	1.04700E+00
4.78500E-01	1.06100E+00
5.69300E-01	1.07500E+00
6.58600E-01	1.08800E+00
7.46300E-01	1.10100E+00
8.32600E-01	1.11400E+00
9.17500E-01	1.12700E+00
1.00100E+00	1.13900E+00
1.08300E+00	1.15000E+00
1.16400E+00	1.16200E+00
1.24400E+00	1.17300E+00
1.32100E+00	1.18500E+00
1.39800E+00	1.19500E+00
2.12000E+00	1.28500E+00

SURYANARAYANA $ ALAMELU. BULL CHEM SOC JAPAN 32, 333 (1959)

MOLALITY

	VISCOSITY
9.92000E-02	5.72400E-01
1.96500E-01	5.94400E-01
2.92100E-01	6.11300E-01
3.86200E-01	6.31300E-01
4.78500E-01	6.54300E-01
5.69300E-01	6.80600E-01
6.58600E-01	7.04400E-01
7.46300E-01	7.30800E-01
8.32600E-01	7.59300E-01
9.17500E-01	7.78900E-01
1.00100E+00	8.06700E-01
1.08300E+00	8.34500E-01
1.16400E+00	8.59800E-01
1.24400E+00	8.82000E-01
1.32100E+00	9.28500E-01

1.39800E+00	9.62900E-01
2.12000E+00	1.26200E+00

ALAMELU $ SURYANARAYANA. ACTA CHIM ACAD SCI HUNG 21, 333 (1959)

MOLALITY	RELATIVE VISCOSITY
9.92000E-02	1.04200E+00
1.96500E-01	1.08200E+00
2.92100E-01	1.11300E+00
3.86200E-01	1.14900E+00
4.78500E-01	1.19100E+00
5.69300E-01	1.23900E+00
6.58600E-01	1.28200E+00
7.46300E-01	1.33000E+00
8.32600E-01	1.38200E+00
9.17500E-01	1.41800E+00
1.00100E+00	1.46800E+00
1.08300E+00	1.51900E+00
1.16400E+00	1.56500E+00
1.24400E+00	1.62800E+00
1.32100E+00	1.69000E+00
1.39800E+00	1.75300E+00
2.12000E+00	2.29600E+00

SURYANARAYANA $ ALAMELU. BULL CHEM SOC JAPAN 32, 333 (1959)

MOLALITY	CONDUCTIVITY
9.92000E-02	1.25400E-02
1.96500E-01	2.09400E-02
2.92100E-01	2.80200E-02
3.86200E-01	3.44800E-02
4.78500E-01	4.05100E-02
5.69300E-01	4.60500E-02
6.58600E-01	5.09300E-02
7.46300E-01	5.55600E-02
8.32600E-01	6.00300E-02
9.17500E-01	6.34300E-02
1.00100E+00	6.73300E-02
1.08300E+00	7.19100E-02
1.16400E+00	7.40100E-02
1.24400E+00	7.64000E-02
1.32100E+00	7.85400E-02
1.39800E+00	8.00400E-02

SURYANARAYANA $ ALAMELU. BULL CHEM SOC JAPAN 32, 333 (1959)

CUPRIC SULFATE IN WATER AT 55 DEGREES C

TEMP	MS	MO	NU	NU+	NU-	Z+	Z-
55.000	159.600	18.015	2.0	1.0	1.0	2.0	-2.0

MOLALITY	DENSITY
9.92000E-02	1.00100E+00
1.96500E-01	1.01600E+00

2.92100E-01	1.03000E+00
3.86200E-01	1.04500E+00
4.78500E-01	1.05900E+00
5.69300E-01	1.07300E+00
6.58600E-01	1.08600E+00
7.46300E-01	1.09800E+00
8.32600E-01	1.11100E+00
9.17500E-01	1.12400E+00
1.00100E+00	1.13600E+00
1.08300E+00	1.14800E+00
1.16400E+00	1.16000E+00
1.24400E+00	1.17000E+00
1.32100E+00	1.18200E+00
1.39800E+00	1.19200E+00
2.30000E+00	1.30200E+00

SURYANARAYANA $ ALAMELU. BULL CHEM SOC JAPAN 32, 333 (1959)

MOLALITY

	VISCOSITY
9.92000E-02	5.26000E-01
1.96500E-01	5.45000E-01
2.92100E-01	5.61000E-01
3.86200E-01	5.77300E-01
4.78500E-01	5.97500E-01
5.69300E-01	6.19300E-01
6.58600E-01	6.41200E-01
7.46300E-01	6.63900E-01
8.32600E-01	6.86100E-01
9.17500E-01	7.08100E-01
1.00100E+00	7.27600E-01
1.08300E+00	7.52600E-01
1.16400E+00	7.74900E-01
1.24400E+00	8.01300E-01
1.32100E+00	8.31000E-01
1.39800E+00	8.61800E-01
2.30000E+00	1.19500E+00

ALAMELU $ SURYANARAYANA. ACTA CHIM ACAD SCI HUNG 21, 333 (1959)

MOLALITY

	RELATIVE VISCOSITY
9.92000E-02	1.03900E+00
1.96500E-01	1.07600E+00
2.92100E-01	1.10800E+00
3.86200E-01	1.14000E+00
4.78500E-01	1.18000E+00
5.69300E-01	1.22300E+00
6.58600E-01	1.26600E+00
7.46300E-01	1.31100E+00
8.32600E-01	1.35500E+00
9.17500E-01	1.39800E+00
1.00100E+00	1.43700E+00
1.08300E+00	1.48600E+00
1.16400E+00	1.53000E+00
1.24400E+00	1.58200E+00
1.32100E+00	1.64100E+00
1.39800E+00	1.70200E+00
2.30000E+00	2.36000E+00

SURYANARAYANA $ ALAMELU. BULL CHEM SOC JAPAN 32, 333 (1959)

MOLALITY	CONDUCTIVITY
9.92000E-02	1.31100E-02
1.96500E-01	2.17200E-02
2.92100E-01	2.93600E-02
3.86200E-01	3.63400E-02
4.78500E-01	4.24100E-02
5.69300E-01	4.83800E-02
6.58600E-01	5.37900E-02
7.46300E-01	5.89800E-02
8.32600E-01	6.28400E-02
9.17500E-01	6.72300E-02
1.00100E+00	7.14500E-02
1.08300E+00	7.47100E-02
1.16400E+00	7.78200E-02
1.24400E+00	8.08200E-02
1.32100E+00	8.28900E-02
1.39800E+00	8.40500E-02

SURYANARAYANA $ ALAMELU. BULL CHEM SOC JAPAN 32, 333 (1959)

CUPRIC SULFATE IN WATER AT 60 DEGREES C

TEMP	MS	MO	NU	NU+	NU-	Z+	Z-
60.000	159.600	18.015	2.0	1.0	1.0	2.0	-2.0

MOLALITY	DENSITY
9.92000E-02	9.98800E-01
1.96500E-01	1.01400E+00
2.92100E-01	1.02800E+00
3.86200E-01	1.04200E+00
4.78500E-01	1.05600E+00
5.69300E-01	1.07000E+00
6.58600E-01	1.08300E+00
7.46300E-01	1.09500E+00
8.32600E-01	1.10900E+00
9.17500E-01	1.12100E+00
1.00100E+00	1.13300E+00
1.08300E+00	1.14400E+00
1.16400E+00	1.15700E+00
1.24400E+00	1.16800E+00
1.32100E+00	1.18000E+00
1.39800E+00	1.19000E+00
2.49000E+00	1.31900E+00

SURYANARAYANA $ ALAMELU. BULL CHEM SOC JAPAN 32, 333 (1959)

MOLALITY	VISCOSITY
9.92000E-02	4.84600E-01
1.96500E-01	5.04400E-01
2.92100E-01	5.15200E-01
3.86200E-01	5.30200E-01
4.78500E-01	5.48000E-01
5.69300E-01	5.67100E-01
6.58600E-01	5.86200E-01

7.46300E-01	6.06000E-01
8.32600E-01	6.23800E-01
9.17500E-01	6.41200E-01
1.00100E+00	6.61300E-01
1.08300E+00	6.82900E-01
1.16400E+00	7.04100E-01
1.24400E+00	7.27400E-01
1.32100E+00	7.49900E-01
1.39800E+00	7.75400E-01
2.49000E+00	1.22200E+00

ALAMELU $ SURYANARAYANA. ACTA CHIM ACAD SCI HUNG 21, 333 (1959)

MOLALITY

	RELATIVE VISCOSITY
9.92000E-02	1.03400E+00
1.96500E-01	1.07600E+00
2.92100E-01	1.09900E+00
3.86200E-01	1.13100E+00
4.78500E-01	1.16900E+00
5.69300E-01	1.21000E+00
6.58600E-01	1.25100E+00
7.46300E-01	1.29300E+00
8.32600E-01	1.33100E+00
9.17500E-01	1.36800E+00
1.00100E+00	1.41100E+00
1.08300E+00	1.45700E+00
1.16400E+00	1.50200E+00
1.24400E+00	1.55200E+00
1.32100E+00	1.60000E+00
1.39800E+00	1.65400E+00
2.49000E+00	2.39400E+00

SURYANARAYANA $ ALAMELU. BULL CHEM SOC JAPAN 32, 333 (1959)

MOLALITY

	CONDUCTIVITY
9.92000E-02	1.36700E-02
1.96500E-01	2.25600E-02
2.92100E-01	3.06300E-02
3.86200E-01	3.75700E-02
4.78500E-01	4.43800E-02
5.69300E-01	5.03600E-02
6.58600E-01	5.60300E-02
7.46300E-01	6.11200E-02
8.32600E-01	6.56000E-02
9.17500E-01	7.07800E-02
1.00100E+00	7.52100E-02
1.08300E+00	7.81800E-02
1.16400E+00	8.17500E-02
1.24400E+00	8.40500E-02
1.32100E+00	8.73500E-02
1.39800E+00	9.08600E-02

SURYANARAYANA $ ALAMELU. BULL CHEM SOC JAPAN 32, 333 (1959)

HYDROBROMIC ACID IN WATER AT 25 DEGREES C

TEMP	MS	MO	NU	NU+	NU-	Z+	Z-
25.000	80.920	18.015	2.0	1.0	1.0	1.0	-1.0

CONCENTRATION

	DENSITY
6.50100E-01	1.03350E+00
9.23100E-01	1.04870E+00
1.06300E+00	1.05620E+00
1.20500E+00	1.06410E+00
1.35000E+00	1.07220E+00
1.76000E+00	1.09510E+00
2.10600E+00	1.11420E+00
2.53100E+00	1.13770E+00
2.92100E+00	1.15930E+00
3.36500E+00	1.18390E+00
3.76700E+00	1.20590E+00
4.27000E+00	1.23400E+00
4.75900E+00	1.26100E+00
5.15500E+00	1.28290E+00
5.78200E+00	1.31780E+00
6.22200E+00	1.34200E+00
6.96000E+00	1.38290E+00

HAASE, SAUERMANN $ DUECKER. Z PHYSIK CHEM NF 47, 224 (1965)

CONCENTRATION

	CONDUCTIVITY
6.50100E-01	2.38900E-01
9.23100E-01	3.26700E-01
1.06300E+00	3.67100E-01
1.20500E+00	4.08900E-01
1.35000E+00	4.46500E-01
1.76000E+00	5.36600E-01
2.10600E+00	6.02500E-01
2.53100E+00	6.63200E-01
2.92100E+00	7.06300E-01
3.36500E+00	7.54900E-01
3.76700E+00	7.87400E-01
4.27000E+00	8.15000E-01
4.75900E+00	8.28100E-01
5.15500E+00	8.33100E-01
5.78200E+00	8.32900E-01
6.22200E+00	8.25100E-01
6.96000E+00	8.01200E-01

HAASE, SAUERMANN $ DUECKER. Z PHYSIK CHEM NF 47, 224 (1965)

CONCENTRATION

	TRANSFERENCE NUMBER
1.00000E-01	7.29000E-01

KAIMAKOV $ VERSHAVSKAYA. USP KHIM 35, 201 (1966)

CONCENTRATION

	DIFFUSION COEFFICIENT
0.	3.40300E-05
5.00000E-02	3.15600E-05
1.00000E-01	3.14600E-05
2.00000E-01	3.19000E-05
3.00000E-01	3.24900E-05
5.00000E-01	3.38800E-05

7.00000E-01	3.55200E-05
1.00000E+00	3.86900E-05

STOKES. JACS 72, 2243 (1950)

MOLALITY

	GAMMA
1.00000E-01	8.05000E-01
2.00000E-01	7.82000E-01
3.00000E-01	7.77000E-01
4.00000E-01	7.81000E-01
5.00000E-01	7.89000E-01
6.00000E-01	8.01000E-01
7.00000E-01	8.15000E-01
8.00000E-01	8.32000E-01
9.00000E-01	8.50000E-01
1.00000E+00	8.71000E-01
1.20000E+00	9.17000E-01
1.40000E+00	9.69000E-01
1.60000E+00	1.02900E+00
1.80000E+00	1.09400E+00
2.00000E+00	1.16800E+00
2.50000E+00	1.38900E+00
3.00000E+00	1.67400E+00

ROBINSON $ STOKES. ELECTROLYTE SOLUTIONS, 2ND ED (REV) (1959)

ACETIC ACID IN WATER AT 25 DEGREES C

TEMP	MS	MO	NU	NU+	NU-	Z+	Z-
25.000	60.050	18.015	2.0	1.0	1.0	1.0	-1.0

CONCENTRATION

	DENSITY
-0.	9.97070E-01
1.73500E+00	1.01100E+00
3.43700E+00	1.02400E+00
5.20600E+00	1.03600E+00
6.75100E+00	1.04400E+00
8.42300E+00	1.05200E+00
1.01060E+01	1.05800E+00
1.18830E+01	1.06300E+00
1.35850E+01	1.06500E+00
1.54150E+01	1.06200E+00
1.73600E+01	1.04400E+00

CAMPBELL $ KARTZMARK. CAN J RESEARCH 28B, 43 (1950)

CONCENTRATION

	RELATIVE DENSITY
5.16000E-02	1.00044E+00
1.12000E-01	1.00095E+00
1.79900E-01	1.00152E+00
3.25200E-01	1.00273E+00
4.90700E-01	1.00412E+00
6.58800E-01	1.00599E+00
8.30300E-01	1.00691E+00

1.03000E+00	1.00852E+00

DRUCKER. ARKIV KEMI MIN GEOL 22A, NO. 21, 17 PP (1946)

CONCENTRATION	RELATIVE VISCOSITY
5.16000E-02	1.00610E+00
1.12000E-01	1.01330E+00
1.79900E-01	1.02140E+00
3.25200E-01	1.03830E+00
4.90700E-01	1.05810E+00
6.58800E-01	1.07750E+00
8.30300E-01	1.09780E+00
1.03000E+00	1.12130E+00

DRUCKER. ARKIV KEMI MIN GEOL 22A, NO. 21, 17 PP (1946)

CONCENTRATION	RELATIVE VISCOSITY
1.73500E+00	1.19700E+00
3.43700E+00	1.40700E+00
5.20600E+00	1.64000E+00
6.75100E+00	1.83300E+00
8.42300E+00	2.03800E+00
1.01060E+01	2.25900E+00
1.18830E+01	2.47300E+00
1.35850E+01	2.63500E+00
1.54150E+01	2.44900E+00
1.73600E+01	1.26800E+00

CAMPBELL $ KARTZMARK. CAN J RESEARCH 28B, 43 (1950)

CONCENTRATION	RELATIVE VISCOSITY
4.28300E-02	1.00473E+00
9.71400E-02	1.01074E+00
1.96800E-01	1.02181E+00
2.37400E-01	1.02622E+00
3.31400E-01	1.03661E+00
4.21400E-01	1.04689E+00
7.57200E-01	1.08478E+00
1.51870E+00	1.17246E+00
2.00300E+00	1.22847E+00
3.04460E+00	1.35448E+00
3.66740E+00	1.42993E+00
3.67990E+00	1.43146E+00
4.96040E+00	1.58978E+00

VITAGLIANO $ LYONS. JACS 78, 4538 (1956)

CONCENTRATION	MOLAR CONDUCTANCE
1.73500E+00	1.00300E+00
3.43700E+00	5.31000E-01
5.20600E+00	3.09000E-01
6.75100E+00	1.94000E-01
8.42300E+00	1.12000E-01
1.01060E+01	6.08000E-02
1.18830E+01	2.80000E-02
1.35850E+01	1.79000E-03
1.54150E+01	3.55000E-04
1.73600E+01	3.99000E-06

CAMPBELL $ KARTZMARK. CAN J RESEARCH 28B, 43 (1950)

CONCENTRATION	DIFFUSION COEFFICIENT
4.28300E-02	1.21200E-05
9.71400E-02	1.20000E-05
1.96800E-01	1.18400E-05
2.37400E-01	1.17700E-05
3.31400E-01	1.16200E-05
4.21400E-01	1.15300E-05
7.57200E-01	1.10850E-05
1.51870E+00	1.02100E-05
2.00300E+00	9.71200E-06
3.04460E+00	8.77000E-06
3.66740E+00	8.21000E-06
3.67990E+00	8.17000E-06
4.96040E+00	7.28500E-06
6.04300E+00	6.77500E-06
8.04810E+00	6.11000E-06
8.91610E+00	5.86500E-06
9.75020E+00	5.78500E-06
1.24050E+01	5.68000E-06
1.73504E+01	1.07500E-05
1.73258E+01	1.02000E-05
1.73047E+01	1.01300E-05
1.72826E+01	9.68600E-06
1.71975E+01	9.47000E-06
1.70938E+01	8.25000E-06
1.68918E+01	7.62000E-06
1.58642E+01	5.56000E-06

VITAGLIANO $ LYONS. JACS 78, 4538 (1956)

CONCENTRATION	DIFFUSION COEFFICIENT
9.45000E-04	1.29100E-05
2.13000E-03	1.28400E-05
6.72000E-03	1.25000E-05
7.68000E-03	1.25100E-05
1.63000E-02	1.23900E-05
2.23000E-02	1.21300E-05
3.66000E-02	1.22100E-05
5.55000E-02	1.20700E-05

HOLT $ LYONS. J PHYS CHEM 69, 2341 (1965)

CONCENTRATION	1.0 + DLOG(Y)/DLOG(C)
4.28300E-02	9.97240E-01
9.71400E-02	9.93940E-01
1.96800E-01	9.87980E-01
2.37400E-01	9.85640E-01
3.31400E-01	9.80110E-01
4.21400E-01	9.74870E-01
7.57200E-01	9.55800E-01
1.51870E+00	9.15120E-01
2.00300E+00	8.91970E-01
3.04460E+00	8.50060E-01
3.66740E+00	8.30410E-01
3.67990E+00	8.25950E-01
4.96040E+00	8.05520E-01

6.04300E+00	8.06150E-01
8.04810E+00	8.71390E-01
8.91610E+00	9.26380E-01
9.75020E+00	1.00079E+00
1.24050E+01	1.36240E+00

VITAGLIANO $ LYONS. JACS 78, 4538 (1956)

ACETIC ACID IN WATER AT 35 DEGREES C

TEMP	MS	MO	NU	NU+	NU-	Z+	Z-
35.000	60.050	18.015	2.0	1.0	1.0	1.0	-1.0

CONCENTRATION

	DIFFUSION COEFFICIENT
1.76900E-01	1.51500E-05
4.20000E-01	1.46400E-05
4.23600E-01	1.46400E-05
6.63600E-01	1.42400E-05
9.81600E-01	1.37700E-05
1.77800E+00	1.27000E-05

VITAGLIANO $ LYONS. JACS 78, 4538 (1956)

HYDROCHLORIC ACID IN WATER AT 0 DEGREES C

TEMP	MS	MO	NU	NU+	NU-	Z+	Z-
-0.	36.460	18.015	2.0	1.0	1.0	1.0	-1.0

CONCENTRATION

	TRANSFERENCE NUMBER
2.15110E-02	8.49300E-01
3.97020E-02	8.50500E-01
5.78790E-02	8.51700E-01
7.99590E-02	8.53100E-01
9.73970E-02	8.53600E-01
9.92800E-02	8.53800E-01

COVINGTON $ PRUE. J CHEM SOC 1957, P.1930

CONCENTRATION

	TRANSFERENCE NUMBER
-0.	8.44100E-01
1.00000E-02	8.47600E-01
2.00000E-02	8.49000E-01
5.00000E-02	8.51400E-01
1.00000E-01	8.53800E-01

COVINGTON $ PRUE. J CHEM SOC 1957, P.1930

MOLALITY

GAMMA

-0.	1.00000E+00
1.00000E-02	9.07900E-01
2.00000E-02	8.79800E-01
5.00000E-02	8.37200E-01
1.00000E-01	8.06800E-01

COVINGTON $ PRUE. J CHEM SOC 1957, P.1930

HYDROCHLORIC ACID IN WATER AT 25 DEGREES C

TEMP	MS	MO	NU	NU+	NU-	Z+	Z-
25.000	36.460	18.015	2.0	1.0	1.0	1.0	-1.0

CONCENTRATION	DENSITY
5.61400E-01	1.00720E+00
8.39900E-01	1.01220E+00
1.05800E+00	1.01580E+00
1.68900E+00	1.02640E+00
2.46200E+00	1.03910E+00
2.86800E+00	1.04570E+00
3.51100E+00	1.05620E+00
4.09200E+00	1.06560E+00
4.46400E+00	1.07150E+00
4.72000E+00	1.07560E+00
5.33400E+00	1.08520E+00
5.68400E+00	1.09070E+00
6.11300E+00	1.09730E+00
6.67300E+00	1.10590E+00
6.86700E+00	1.10890E+00
7.62900E+00	1.12040E+00
8.03300E+00	1.12640E+00
8.72800E+00	1.13650E+00
9.39100E+00	1.14610E+00
9.79100E+00	1.15150E+00
1.05100E+01	1.16160E+00
1.11600E+01	1.17030E+00
1.16200E+01	1.17660E+00
1.27100E+01	1.19060E+00

HAASE, SAUERMANN $ DUECKER. Z PHYSIK CHEM NF 47, 224 (1965)

CONCENTRATION	RELATIVE DENSITY
1.40900E-01	1.00256E+00
2.44600E-01	1.00449E+00
3.66400E-01	1.00668E+00
5.70300E-01	1.01026E+00
8.26000E-01	1.01477E+00
1.13700E+00	1.02027E+00
1.40700E+00	1.02511E+00

DRUCKER. ARKIV KEMI MIN GEOL 22A, NO. 21, 17 PP (1946)

CONCENTRATION	RELATIVE VISCOSITY
1.40900E-01	1.00990E+00

2.44600E-01	1.01660E+00
3.66400E-01	1.02430E+00
5.70300E-01	1.03740E+00
8.26000E-01	1.05300E+00
1.13700E+00	1.07300E+00
1.40700E+00	1.09090E+00

DRUCKER. ARKIV KEMI MIN GEOL 22A, NO. 21, 17 PP (1946)

MOLALITY	RELATIVE VISCOSITY
0.	1.00000E+00
1.00000E-01	1.00700E+00
2.50000E-01	1.01700E+00
5.00000E-01	1.03200E+00
1.00000E+00	1.06000E+00
2.00000E+00	1.11600E+00
3.00000E+00	1.17500E+00
4.00000E+00	1.23300E+00
5.00000E+00	1.29400E+00
6.00000E+00	1.35500E+00
7.00000E+00	1.41800E+00
8.00000E+00	1.48500E+00
9.00000E+00	1.56000E+00
1.10000E+01	1.71000E+00
1.30000E+01	1.86000E+00
1.60000E+01	2.12000E+00

INTERNATIONAL CRITICAL TABLES (1929)

CONCENTRATION	MOLAR CONDUCTANCE
2.07250E-03	4.19500E+02
3.44300E-03	4.17490E+02
5.06780E-03	4.15830E+02
5.88520E-03	4.14910E+02
9.87310E-03	4.12140E+02
1.48730E-02	4.09330E+02
1.78680E-02	4.08150E+02
2.88680E-02	4.04140E+02
4.25900E-02	4.00800E+02
5.49260E-02	3.98080E+02
6.75180E-02	3.96160E+02
8.63640E-02	3.93140E+02

OWEN $ SWEETON. JACS 63, 2811 (1941)

MOLALITY	MOLAR CONDUCTANCE
6.95420E-02	3.95550E+02
6.95420E-02	3.95550E+02
6.96140E-02	3.95600E+02
1.24113E-01	3.88590E+02
4.40343E-01	3.64820E+02
8.12105E-01	3.43440E+02
1.08920E+00	3.28830E+02
1.46460E+00	3.10120E+02
2.02840E+00	2.84200E+02
2.09580E+00	2.81140E+02
2.66950E+00	2.57460E+02
3.23550E+00	2.36220E+02
4.43220E+00	1.97850E+02

4.45450E+00	1.97090E+02
6.89260E+00	1.39780E+02
8.34230E+00	1.15520E+02
1.04334E+01	8.97500E+01
1.23335E+01	7.29800E+01
1.58879E+01	5.27000E+01

OWEN $ SWEETON. JACS 63, 2811 (1941)

CONCENTRATION	CONDUCTIVITY
5.61400E-01	2.02100E-01
8.39900E-01	2.88000E-01
1.05800E+00	3.50100E-01
1.68900E+00	5.06200E-01
2.46200E+00	6.45200E-01
2.86800E+00	6.98400E-01
3.51100E+00	7.60800E-01
4.09200E+00	8.01900E-01
4.46400E+00	8.21200E-01
4.72000E+00	8.31500E-01
5.33400E+00	8.48000E-01
5.68400E+00	8.49000E-01
6.11300E+00	8.43500E-01
6.67300E+00	8.33700E-01
6.86700E+00	8.27600E-01
7.62900E+00	8.09100E-01
8.03300E+00	7.95000E-01
8.72800E+00	7.65800E-01
9.39100E+00	7.37200E-01
9.79100E+00	7.18900E-01
1.05100E+01	6.87600E-01
1.11600E+01	6.58700E-01
1.16200E+01	6.38300E-01
1.27100E+01	5.91100E-01

HAASE, SAUERMANN $ DUECKER. Z PHYSIK CHEM NF 47, 224 (1965)

CONCENTRATION	MOLAR CONDUCTANCE
0.	4.26200E+02
2.50000E-01	3.77400E+02
1.00000E+00	3.32300E+02
2.25000E+00	2.70000E+02
4.00000E+00	2.00100E+02
6.25000E+00	1.34700E+02
9.00000E+00	8.35000E+01

OWEN $ SWEETON. JACS 63, 2811 (1941)

CONCENTRATION	EQUIVALENT CONDUCTANCE
-0.	4.26040E+02
2.84080E-05	4.25010E+02
8.11810E-05	4.24750E+02
1.77430E-04	4.23820E+02
3.18630E-04	4.23430E+02
3.42270E-04	4.23220E+02
5.91460E-04	4.22420E+02
7.54040E-04	4.21660E+02
1.57680E-03	4.19880E+02
1.87660E-03	4.19640E+02

2.56140E-03	4.18320E+02
2.99430E-03	4.17980E+02

SHEDLOVSKY. JACS 54, 1411 (1932)

CONCENTRATION

	MOLAR CONDUCTANCE
0.	4.26040E+02
1.00000E-04	4.24530E+02
2.00000E-04	4.23860E+02
5.00000E-04	4.22620E+02
1.00000E-03	4.21240E+02
2.00000E-03	4.19270E+02
5.00000E-03	4.15680E+02
1.00000E-02	4.11880E+02
2.00000E-02	4.07120E+02
5.00000E-02	3.98970E+02
7.00000E-02	3.95330E+02
1.00000E-01	3.91200E+02

SHEDLOVSKY. JACS 54, 1411 (1932)

MOLALITY

	TRANSFERENCE NUMBER
1.08900E+00	8.41000E-01
1.46500E+00	8.42000E-01
2.66900E+00	8.43000E-01
3.23500E+00	8.43000E-01
4.45400E+00	8.35000E-01
6.89300E+00	7.84000E-01
8.34200E+00	7.01000E-01
1.04330E+01	6.58000E-01
1.23330E+01	6.46000E-01
1.47000E+01	6.33000E-01

GIBER, LENGYEL, TAMAS $ TAHI. MAGY KEM FOLYOIRAT 66, 170 (1960)

MOLES/1000 G OF SOLUTION

	TRANSFERENCE NUMBER
1.01400E-01	8.35000E-01
1.01400E-01	8.42000E-01
1.54200E-01	8.36000E-01
1.98300E-01	8.24000E-01
1.98300E-01	8.31000E-01
1.98800E-01	8.42000E-01
1.98800E-01	8.53000E-01
2.97500E-01	8.43000E-01
3.57900E-01	8.27000E-01
3.57900E-01	8.24000E-01
4.00200E-01	8.31000E-01
4.98100E-01	8.56000E-01
4.98100E-01	8.19000E-01
7.06700E-01	8.51000E-01
7.06700E-01	8.09000E-01
7.35500E-01	8.29000E-01
9.53700E-01	8.36000E-01
1.26170E+00	8.14000E-01
1.26170E+00	8.37000E-01

WEAR, CURTIS $ AMIS. J INORG NUCL CHEM 24, 93 (1962)

CONCENTRATION

	TRANSFERENCE NUMBER
1.00000E-01	8.32000E-01

SMITH $ MACINNES. JACS 47, 1009 (1925)

CONCENTRATION

	TRANSFERENCE NUMBER
1.00000E-02	8.25200E-01
2.00000E-02	8.26400E-01
5.00000E-02	8.29200E-01
1.00000E-01	8.31400E-01

LONGSWORTH. JACS 54, 2741 (1932)

MOLALITY

	TRANSFERENCE NUMBER
0.	8.21000E-01
5.00000E-03	8.24000E-01
1.00000E-02	8.25000E-01
2.00000E-02	8.27000E-01
5.00000E-02	8.30000E-01
1.00000E-01	8.32000E-01
2.00000E-01	8.35000E-01
5.00000E-01	8.38000E-01
1.00000E+00	8.41000E-01
1.50000E+00	8.42000E-01
2.00000E+00	8.43000E-01
3.00000E+00	8.43000E-01

HARNED $ DREBY. JACS 61, 3113 (1939)

CONCENTRATION

	TRANSFERENCE NUMBER
1.23100E-02	8.25600E-01
2.14470E-02	8.26500E-01
2.18100E-02	8.26600E-01
4.88600E-02	8.28900E-01
9.71040E-02	8.31400E-01
9.89900E-02	8.31200E-01

COVINGTON $ PRUE. J CHEM SOC 1957, P. 1567

CONCENTRATION

	TRANSFERENCE NUMBER
-0.	8.21000E-01
2.00000E-02	8.26500E-01
4.00000E-02	8.28400E-01
6.00000E-02	8.29600E-01
8.00000E-02	8.30600E-01
1.00000E-01	8.31400E-01

COVINGTON $ PRUE. J CHEM SOC 1957, P. 1567

CONCENTRATION

	DIFFUSION COEFFICIENT
2.00000E-02	2.98000E-05
5.00000E-02	2.94000E-05
1.00000E-01	2.93000E-05
2.00000E-01	2.99000E-05
3.50000E-01	3.07000E-05
5.00000E-01	3.19000E-05
7.50000E-01	3.38000E-05

1.00000E+00	3.59000E-05

JAMES $ GORDON. J CHEM PHYS 7, 963 (1939)

CONCENTRATION

	DIFFUSION COEFFICIENT
6.30000E-03	3.21700E-05
1.13000E-02	3.17300E-05
1.44000E-02	3.16000E-05
1.54000E-02	3.14700E-05
1.88000E-02	3.13300E-05
1.99000E-02	3.14900E-05
2.16000E-02	3.13600E-05
2.47000E-02	3.12900E-05
2.86000E-02	3.12200E-05
3.40000E-02	3.11000E-05

HARPST, HOLT $ LYONS. J PHYS CHEM 69, 2333 (1965)

CONCENTRATION

	DIFFUSION COEFFICIENT
0.	3.33900E-05
5.00000E-02	3.07300E-05
1.00000E-01	3.05000E-05
2.00000E-01	3.06400E-05
3.00000E-01	3.09300E-05
5.00000E-01	3.18400E-05
7.00000E-01	3.28600E-05
1.00000E+00	3.43600E-05
1.50000E+00	3.74300E-05
2.00000E+00	4.04600E-05
2.50000E+00	4.33700E-05
3.00000E+00	4.65800E-05
3.50000E+00	4.92000E-05
4.00000E+00	5.17000E-05

STOKES. JACS 72, 2243 (1950)

MOLALITY

	LOG(GAMMA)
1.00000E-03	-1.53000E-02
2.00000E-03	-2.11000E-02
5.00000E-03	-3.22000E-02
1.00000E-02	-4.38000E-02
2.00000E-02	-5.85000E-02
5.00000E-02	-8.12000E-02
1.00000E-01	-9.93000E-02
2.00000E-01	-1.15600E-01
3.00000E-01	-1.21300E-01
4.00000E-01	-1.22700E-01
5.00000E-01	-1.21000E-01
6.00000E-01	-1.17100E-01
7.00000E-01	-1.11800E-01
8.00000E-01	-1.05800E-01
9.00000E-01	-9.87000E-02
1.00000E+00	-9.15000E-02
1.20000E+00	-7.43000E-02
1.40000E+00	-5.56000E-02
1.60000E+00	-3.59000E-02
1.80000E+00	-1.53000E-02
2.00000E+00	8.00000E-03
2.50000E+00	6.10000E-02

3.00000E+00	1.20500E-01
3.50000E+00	1.81800E-01
4.00000E+00	2.46000E-01
5.00000E+00	3.75700E-01
6.00000E+00	5.07800E-01
7.00000E+00	6.40300E-01
8.00000E+00	7.70500E-01
9.00000E+00	9.00000E-01
1.00000E+01	1.01890E+00
1.20000E+01	1.23670E+00
1.40000E+01	1.43680E+00
1.60000E+01	1.62760E+00

RANDALL $ YOUNG. JACS 50, 989 (1928)

MOLALITY

	GAMMA
1.00000E-01	7.96000E-01
2.00000E-01	7.67000E-01
3.00000E-01	7.56000E-01
4.00000E-01	7.55000E-01
5.00000E-01	7.57000E-01
6.00000E-01	7.63000E-01
7.00000E-01	7.72000E-01
8.00000E-01	7.83000E-01
9.00000E-01	7.95000E-01
1.00000E+00	8.09000E-01
1.20000E+00	8.40000E-01
1.40000E+00	8.76000E-01
1.60000E+00	9.16000E-01
1.80000E+00	9.60000E-01
2.00000E+00	1.00900E+00
2.50000E+00	1.14700E+00
3.00000E+00	1.31600E+00
3.50000E+00	1.51800E+00
4.00000E+00	1.76200E+00
4.50000E+00	2.04000E+00
5.00000E+00	2.38000E+00
5.50000E+00	2.77000E+00
6.00000E+00	3.22000E+00

ROBINSON $ STOKES. ELECTROLYTE SOLUTIONS, 2ND ED (REV) (1959)

MOLALITY

	GAMMA
7.00000E+00	4.37000E+00
8.00000E+00	5.90000E+00
9.00000E+00	7.94000E+00
1.00000E+01	1.04400E+01
1.10000E+01	1.35100E+01
1.20000E+01	1.72500E+01
1.30000E+01	2.18000E+01
1.40000E+01	2.73000E+01
1.50000E+01	3.41000E+01
1.60000E+01	4.24000E+01

ROBINSON $ STOKES. ELECTROLYTE SOLUTIONS, 2ND ED (REV) (1959)

PERCHLORIC ACID IN WATER AT 0 DEGREES C

TEMP	MS	MO	NU	NU+	NU-	Z+	Z-
-0.	100.460	18.015	2.0	1.0	1.0	1.0	-1.0

CONCENTRATION	DENSITY
-0.	9.99870E-01
1.11900E-03	9.99800E-01
1.53900E-03	9.99900E-01
1.95000E-03	9.99900E-01
3.04800E-03	1.00000E+00
5.14700E-03	1.00010E+00
8.79800E-03	1.00030E+00
1.17100E-02	1.00050E+00
1.57100E-02	1.00070E+00
1.95300E-02	1.00100E+00
3.99000E-02	1.00220E+00
5.96700E-02	1.00340E+00
8.00700E-02	1.00470E+00
1.22100E-01	1.00720E+00
1.69000E-01	1.01030E+00
2.32100E-01	1.01420E+00
3.18900E-01	1.01920E+00
6.49900E-01	1.03940E+00
1.01600E+00	1.06130E+00
1.33000E+00	1.08010E+00
1.68500E+00	1.10110E+00
2.10000E+00	1.12580E+00
2.50500E+00	1.14970E+00
2.92600E+00	1.17480E+00
3.38100E+00	1.20190E+00
3.78400E+00	1.22610E+00
4.12300E+00	1.24580E+00
4.56900E+00	1.27220E+00
5.06000E+00	1.30180E+00
5.61300E+00	1.33480E+00
6.07100E+00	1.36250E+00
6.62600E+00	1.39620E+00
7.23800E+00	1.43340E+00
8.02300E+00	1.48100E+00
8.47700E+00	1.50830E+00
9.28200E+00	1.55600E+00
9.94500E+00	1.59470E+00
1.06500E+01	1.63390E+00
1.13800E+01	1.67330E+00
1.18400E+01	1.69700E+00

HAASE $ DUECKER. Z PHYSIK CHEM NF 46, 140 (1965)

CONCENTRATION	EQUIVALENT CONDUCTANCE
-0.	2.61600E+02
1.11900E-03	2.58800E+02
1.53900E-03	2.58300E+02
1.95000E-03	2.58000E+02
3.04800E-03	2.57000E+02
5.14700E-03	2.55900E+02
8.79800E-03	2.54400E+02
1.17100E-02	2.53500E+02
1.57100E-02	2.52500E+02

1.95300E-02	2.51500E+02
3.99000E-02	2.48400E+02
5.96700E-02	2.46500E+02
8.00700E-02	2.44900E+02
1.22100E-01	2.42500E+02
1.69000E-01	2.40200E+02
2.32100E-01	2.37600E+02
3.18900E-01	2.34500E+02
6.49900E-01	2.24800E+02
1.01600E+00	2.14600E+02
1.33000E+00	2.05400E+02
1.68500E+00	1.95000E+02
2.10000E+00	1.82800E+02
2.50500E+00	1.70500E+02
2.92600E+00	1.58400E+02
3.38100E+00	1.45400E+02
3.78400E+00	1.34100E+02
4.12300E+00	1.24900E+02
4.56900E+00	1.13400E+02
5.06000E+00	1.01300E+02
5.61300E+00	8.86000E+01
6.07100E+00	7.86800E+01
6.62600E+00	6.76000E+01
7.23800E+00	5.72400E+01
8.02300E+00	4.57600E+01
8.47700E+00	4.03100E+01
9.28200E+00	3.27100E+01
9.94500E+00	2.78800E+01
1.06500E+01	2.36400E+01
1.13800E+01	1.95000E+01
1.18400E+01	1.75000E+01

HAASE $ DUECKER. Z PHYSIK CHEM NF 46, 140 (1965)

PERCHLORIC ACID IN WATER AT 10 DEGREES C

TEMP	MS	MO	NU	NU+	NU-	Z+	Z-
10.000	100.460	18.015	2.0	1.0	1.0	1.0	-1.0

CONCENTRATION	DENSITY
-0.	9.99730E-01
1.11900E-03	9.99800E-01
1.53900E-03	9.99800E-01
1.95000E-03	9.99800E-01
3.04700E-03	9.99900E-01
5.14700E-03	1.00000E+00
1.17100E-02	1.00040E+00
1.57100E-02	1.00060E+00
1.95200E-02	1.00080E+00
3.98900E-02	1.00200E+00
5.96600E-02	1.00320E+00
8.00500E-02	1.00450E+00
1.22100E-01	1.00680E+00
1.68900E-01	1.00980E+00
2.31900E-01	1.01330E+00
3.18700E-01	1.01830E+00

6.48900E-01	1.03780E+00
1.01400E+00	1.05880E+00
1.32600E+00	1.07700E+00
1.67900E+00	1.09730E+00
2.09100E+00	1.12120E+00
2.49200E+00	1.14410E+00
2.91200E+00	1.16920E+00
3.36300E+00	1.19560E+00
3.76400E+00	1.21930E+00
4.09900E+00	1.23860E+00
4.54200E+00	1.26460E+00
5.02800E+00	1.29360E+00
5.57600E+00	1.32600E+00
6.03000E+00	1.35330E+00
6.57900E+00	1.38630E+00
7.18500E+00	1.42290E+00
7.96200E+00	1.46970E+00
8.41000E+00	1.49640E+00
9.20700E+00	1.54350E+00
9.86400E+00	1.58180E+00
1.05600E+01	1.62080E+00
1.12900E+01	1.66020E+00
1.17500E+01	1.68400E+00

HAASE $ DUECKER. Z PHYSIK CHEM NF 46, 140 (1965)

CONCENTRATION	EQUIVALENT CONDUCTANCE
-0.	3.23700E+02
1.11900E-03	3.20000E+02
1.53900E-03	3.19600E+02
1.95000E-03	3.19000E+02
3.04700E-03	3.17800E+02
5.14700E-03	3.16400E+02
1.17100E-02	3.13200E+02
1.57100E-02	3.11800E+02
1.95200E-02	3.10800E+02
3.98900E-02	3.06700E+02
5.96600E-02	3.04100E+02
8.00500E-02	3.02100E+02
1.22100E-01	2.98600E+02
1.68900E-01	2.95500E+02
2.31900E-01	2.92200E+02
3.18700E-01	2.88000E+02
6.48900E-01	2.75200E+02
1.01400E+00	2.61000E+02
1.32600E+00	2.49200E+02
1.67900E+00	2.36000E+02
2.09100E+00	2.20600E+02
2.49200E+00	2.05500E+02
2.91200E+00	1.90400E+02
3.36300E+00	1.74500E+02
3.76400E+00	1.61000E+02
4.09900E+00	1.50000E+02
4.54200E+00	1.36100E+02
5.02800E+00	1.21700E+02
5.57600E+00	1.06700E+02
6.03000E+00	9.51000E+01
6.57900E+00	8.23300E+01
7.18500E+00	6.98200E+01
7.96200E+00	5.62800E+01
8.41000E+00	4.97700E+01

9.20700E+00	4.04500E+01
9.86400E+00	3.44000E+01
1.05600E+01	2.89600E+01
1.12900E+01	2.40000E+01
1.17500E+01	2.13000E+01

HAASE $ DUECKER. Z PHYSIK CHEM NF 46, 140 (1965)

PERCHLORIC ACID IN WATER AT 18 DEGREES C

TEMP	MS	MO	NU	NU+	NU-	Z+	Z-
18.000	100.460	18.015	2.0	1.0	1.0	1.0	-1.0

CONCENTRATION

	DENSITY
-0.	9.98620E-01
1.11800E-03	9.98700E-01
1.53700E-03	9.98800E-01
3.04400E-03	9.98800E-01
5.14100E-03	9.98900E-01
7.01700E-03	9.99000E-01
8.78700E-03	9.99100E-01
1.17000E-02	9.99300E-01
1.57000E-02	9.99600E-01
1.95000E-02	9.99800E-01
3.98500E-02	1.00100E+00
5.96000E-02	1.00210E+00
7.99500E-02	1.00330E+00
1.22000E-01	1.00570E+00
1.68700E-01	1.00850E+00
2.31600E-01	1.01210E+00
3.18200E-01	1.01670E+00
6.47600E-01	1.03560E+00
1.01100E+00	1.05620E+00
1.32300E+00	1.07390E+00
1.67400E+00	1.09400E+00
2.08400E+00	1.11730E+00
2.48300E+00	1.13960E+00
2.90000E+00	1.16420E+00
3.34700E+00	1.18990E+00
3.74600E+00	1.21370E+00
4.07900E+00	1.23260E+00
4.51900E+00	1.25830E+00
5.00200E+00	1.28690E+00
5.54600E+00	1.31900E+00
5.99700E+00	1.34580E+00
6.54100E+00	1.37830E+00
7.14200E+00	1.41440E+00
7.91300E+00	1.46070E+00
8.35800E+00	1.48710E+00
9.14800E+00	1.53360E+00
9.80200E+00	1.57180E+00
1.04900E+01	1.61060E+00
1.12300E+01	1.65000E+00
1.16700E+01	1.67360E+00

HAASE $ DUECKER. Z PHYSIK CHEM NF 46, 140 (1965)

CONCENTRATION	EQUIVALENT CONDUCTANCE
-0.	3.73600E+02
1.11800E-03	3.69200E+02
1.53700E-03	3.68600E+02
3.04400E-03	3.66600E+02
5.14100E-03	3.64800E+02
7.01700E-03	3.63500E+02
8.78700E-03	3.62500E+02
1.17000E-02	3.61100E+02
1.57000E-02	3.59300E+02
1.95000E-02	3.58000E+02
3.98500E-02	3.52700E+02
5.96000E-02	3.49700E+02
7.99500E-02	3.47200E+02
1.22000E-01	3.43200E+02
1.68700E-01	3.40000E+02
2.31600E-01	3.35800E+02
3.18200E-01	3.30600E+02
6.47600E-01	3.14700E+02
1.01100E+00	2.98000E+02
1.32300E+00	2.84100E+02
1.67400E+00	2.68700E+02
2.08400E+00	2.50700E+02
2.48300E+00	2.33400E+02
2.99000E+00	2.16100E+02
3.34700E+00	1.98100E+02
3.74600E+00	1.82700E+02
4.07900E+00	1.70300E+02
4.51900E+00	1.54500E+02
5.00200E+00	1.38500E+02
5.54600E+00	1.21400E+02
5.99700E+00	1.08500E+02
6.54100E+00	9.41800E+01
7.14200E+00	8.01000E+01
7.91300E+00	6.49200E+01
8.35800E+00	5.75200E+01
9.14800E+00	4.68400E+01
9.80200E+00	3.97700E+01
1.04900E+01	3.34700E+01
1.12300E+01	2.71600E+01
1.16700E+01	2.37000E+01

HAASE $ DUECKER. Z PHYSIK CHEM NF 46, 140 (1965)

PERCHLORIC ACID IN WATER AT 20 DEGREES C

TEMP	MS	MO	NU	NU+	NU-	Z+	Z-
20.000	100.460	18.015	2.0	1.0	1.0	1.0	-1.0

CONCENTRATION	DENSITY
-0.	9.98230E-01
1.11700E-03	9.98200E-01
1.53600E-03	9.98300E-01
3.04200E-03	9.98300E-01

5.13900E-03	9.98500E-01
7.01400E-03	9.98600E-01
8.78400E-03	9.98700E-01
1.16900E-02	9.98800E-01
1.56900E-02	9.99100E-01
1.94900E-02	9.99300E-01
3.98300E-02	1.00050E+00
5.95700E-02	1.00170E+00
7.99100E-02	1.00280E+00
1.21900E-01	1.00520E+00
1.68600E-01	1.00800E+00
2.31500E-01	1.01160E+00
3.18000E-01	1.01620E+00
6.47100E-01	1.03490E+00
1.01100E+00	1.05550E+00
1.32200E+00	1.07310E+00
1.67200E+00	1.09310E+00
2.08200E+00	1.11630E+00
2.48000E+00	1.13860E+00
2.89700E+00	1.16310E+00
3.34400E+00	1.18870E+00
3.74200E+00	1.21230E+00
4.07400E+00	1.23110E+00
4.51400E+00	1.25670E+00
4.99500E+00	1.28520E+00
5.53900E+00	1.31720E+00
5.98900E+00	1.34400E+00
6.53200E+00	1.37640E+00
7.13200E+00	1.41240E+00
7.90100E+00	1.45840E+00
8.34500E+00	1.48480E+00
9.13400E+00	1.53130E+00
9.78700E+00	1.56940E+00
1.04800E+01	1.60820E+00
1.12100E+01	1.64730E+00
1.16500E+01	1.67100E+00

HAASE $ DUECKER. Z PHYSIK CHEM NF 46, 140 (1965)

CONCENTRATION	EQUIVALENT CONDUCTANCE
-0.	3.86300E+02
1.11700E-03	3.81800E+02
1.53600E-03	3.81100E+02
3.04200E-03	3.79000E+02
5.13900E-03	3.77000E+02
7.01400E-03	3.75700E+02
8.78400E-03	3.74600E+02
1.16900E-02	3.73100E+02
1.56900E-02	3.71400E+02
1.94900E-02	3.69800E+02
3.98300E-02	3.64500E+02
5.95700E-02	3.61200E+02
7.99100E-02	3.58900E+02
1.21900E-01	3.54700E+02
1.68600E-01	3.51000E+02
2.31500E-01	3.46500E+02
3.18000E-01	3.41200E+02
6.47100E-01	3.24600E+02
1.01100E+00	3.07300E+02
1.32200E+00	2.92800E+02
1.67200E+00	2.76800E+02

2.08200E+00	2.58300E+02
2.48000E+00	2.40400E+02
2.89700E+00	2.22500E+02
3.34400E+00	2.04000E+02
3.74200E+00	1.88100E+02
4.07400E+00	1.75400E+02
4.51400E+00	1.59100E+02
4.99500E+00	1.42700E+02
5.53900E+00	1.25300E+02
5.98900E+00	1.11900E+02
6.53200E+00	9.71700E+01
7.13200E+00	8.27000E+01
7.90100E+00	6.71700E+01
8.34500E+00	5.95100E+01
9.13400E+00	4.84800E+01
9.78700E+00	4.11300E+01
1.04800E+01	3.45800E+01
1.12100E+01	2.80600E+01
1.16500E+01	2.45000E+01

HAASE $ DUECKER. Z PHYSIK CHEM NF 46, 140 (1965)

PERCHLORIC ACID IN WATER AT 25 DEGREES C

TEMP	MS	MO	NU	NU+	NU-	Z+	Z-
25.000	100.460	18.015	2.0	1.0	1.0	1.0	-1.0

CONCENTRATION

	DENSITY
-0.	9.97070E-01
1.11600E-03	9.97000E-01
1.53400E-03	9.97100E-01
1.94500E-03	9.97100E-01
3.03900E-03	9.97100E-01
5.13300E-03	9.97300E-01
7.00600E-03	9.97400E-01
8.77300E-03	9.97500E-01
1.16800E-02	9.97800E-01
1.56700E-02	9.97900E-01
1.94700E-02	9.98100E-01
3.13500E-02	9.98800E-01
3.97800E-02	9.99300E-01
5.20500E-02	9.99900E-01
5.94900E-02	1.00040E+00
7.20500E-02	1.00100E+00
7.98100E-02	1.00150E+00
9.14500E-02	1.00220E+00
1.02200E-01	1.00270E+00
1.16400E-01	1.00360E+00
1.21900E-01	1.00390E+00
1.37200E-01	1.00470E+00
1.68400E-01	1.00660E+00
1.94300E-01	1.00820E+00
2.12300E-01	1.00910E+00
2.31200E-01	1.01010E+00
2.67900E-01	1.01210E+00
3.17600E-01	1.01480E+00

4.11000E-01	1.02020E+00
5.11100E-01	1.02580E+00
6.46000E-01	1.03320E+00
7.29500E-01	1.03780E+00
8.40000E-01	1.04420E+00
1.00900E+00	1.05350E+00
1.21500E+00	1.06510E+00
1.31900E+00	1.07090E+00
1.50800E+00	1.08150E+00
1.66900E+00	1.09080E+00
1.95800E+00	1.10730E+00
2.07700E+00	1.11380E+00
2.18200E+00	1.11970E+00
2.31100E+00	1.12700E+00
2.47400E+00	1.13580E+00
2.73000E+00	1.15070E+00
2.88900E+00	1.16000E+00
3.05600E+00	1.16940E+00
3.16300E+00	1.17580E+00
3.33500E+00	1.18550E+00
3.47400E+00	1.19380E+00
3.73100E+00	1.20870E+00
4.06200E+00	1.22750E+00
4.22700E+00	1.23700E+00
4.50000E+00	1.25290E+00
4.71000E+00	1.26530E+00
4.97900E+00	1.28090E+00
5.17700E+00	1.29250E+00
5.52000E+00	1.31280E+00
5.73800E+00	1.32580E+00
5.96800E+00	1.33940E+00
6.24400E+00	1.35610E+00
6.50900E+00	1.37160E+00
6.77000E+00	1.38730E+00
7.10500E+00	1.40720E+00
7.39600E+00	1.42490E+00
7.87000E+00	1.45280E+00
8.31300E+00	1.47910E+00
8.67300E+00	1.50060E+00
9.09900E+00	1.52540E+00
9.74800E+00	1.56320E+00
1.04300E+01	1.60190E+00
1.11700E+01	1.64110E+00
1.16100E+01	1.66480E+00

HAASE $ DUECKER. Z PHYSIK CHEM NF 46, 140 (1965)

CONCENTRATION	DENSITY
1.03900E-01	1.00370E+00
1.05400E-01	1.00400E+00
1.12300E-01	1.00510E+00
1.64700E-01	1.00610E+00
1.86000E-01	1.00700E+00
2.12600E-01	1.00880E+00
2.13500E-01	1.00910E+00
2.72800E-01	1.01220E+00
2.72800E-01	1.01220E+00
3.23600E-01	1.01490E+00
3.64500E-01	1.01780E+00
4.07800E-01	1.01950E+00
4.12000E-01	1.01980E+00

4.98100E-01	1.02450E+00
5.94300E-01	1.02980E+00
6.35500E-01	1.03210E+00
6.99400E-01	1.03540E+00
7.55700E-01	1.03920E+00
8.72900E-01	1.04480E+00
9.87100E-01	1.05210E+00
9.87100E-01	1.05210E+00
1.01160E+00	1.05410E+00
1.26400E+00	1.06750E+00
1.43100E+00	1.07720E+00
1.49900E+00	1.08050E+00
1.49900E+00	1.08050E+00
1.75300E+00	1.09490E+00
1.98100E+00	1.10790E+00
1.98100E+00	1.10790E+00
2.34300E+00	1.13830E+00
2.98400E+00	1.16450E+00
2.99600E+00	1.16470E+00
4.06200E+00	1.22750E+00
4.08800E+00	1.22790E+00
5.05700E+00	1.28530E+00

HAASE, LEHNERT $ JANSEN. Z PHYSIK CHEM NF 42, 32 (1964)

CONCENTRATION	EQUIVALENT CONDUCTANCE
-0.	4.17200E+02
2.00000E-01	3.74300E+02
4.00000E-01	3.62100E+02
6.00000E-01	3.51400E+02
8.00000E-01	3.40700E+02
1.00000E+00	3.30700E+02
1.50000E+00	3.05300E+02
2.00000E+00	2.80700E+02
2.50000E+00	2.56500E+02
3.00000E+00	2.33300E+02
3.50000E+00	2.10900E+02
4.00000E+00	1.90300E+02
4.50000E+00	1.70700E+02
5.00000E+00	1.52500E+02

HAASE, SAUERMANN $ DUECKER. Z PHYSIK CHEM NF 43, 218 (1964)

CONCENTRATION	EQUIVALENT CONDUCTANCE
-0.	4.17000E+02
1.11600E-03	4.12000E+02
1.53400E-03	4.11300E+02
1.94500E-03	4.10600E+02
3.03900E-03	4.09000E+02
5.13300E-03	4.06800E+02
7.00600E-03	4.05300E+02
8.77300E-03	4.04300E+02
1.16800E-02	4.02600E+02
1.56700E-02	4.00700E+02
1.94700E-02	3.98900E+02
3.13500E-02	3.94100E+02
3.97800E-02	3.92400E+02
5.20500E-02	3.90000E+02
5.94900E-02	3.88700E+02
7.20500E-02	3.86800E+02

7.98100E-02	3.85800E+02
9.14500E-02	3.84000E+02
1.02200E-01	3.83500E+02
1.16400E-01	3.81600E+02
1.21900E-01	3.81000E+02
1.37200E-01	3.79700E+02
1.68400E-01	3.76800E+02
1.94300E-01	3.74600E+02
2.12300E-01	3.73500E+02
2.31200E-01	3.72100E+02
2.67900E-01	3.69900E+02
3.17600E-01	3.67300E+02
4.11000E-01	3.60800E+02
5.11100E-01	3.56400E+02
6.46000E-01	3.48900E+02
7.29500E-01	3.44700E+02
8.40000E-01	3.38900E+02
1.00900E+00	3.30100E+02
1.21500E+00	3.19700E+02
1.31900E+00	3.14400E+02
1.50800E+00	3.05100E+02
1.66900E+00	2.97000E+02
1.95800E+00	2.82600E+02
2.07700E+00	2.76800E+02
2.18200E+00	2.72000E+02
2.31100E+00	2.65700E+02
2.47400E+00	2.57600E+02
2.73000E+00	2.46000E+02
2.88900E+00	2.38400E+02
3.05600E+00	2.31200E+02
3.16300E+00	2.26300E+02
3.33500E+00	2.18500E+02
3.47400E+00	2.12600E+02
3.73100E+00	2.01700E+02
4.06200E+00	1.88000E+02
4.22700E+00	1.81500E+02
4.50000E+00	1.70700E+02
4.71000E+00	1.62800E+02
4.97900E+00	1.53100E+02
5.17700E+00	1.46200E+02
5.52000E+00	1.34500E+02
5.73800E+00	1.27600E+02
5.96800E+00	1.20300E+02
6.24400E+00	1.12300E+02
6.50900E+00	1.04600E+02
6.77000E+00	9.77100E+01
7.10500E+00	8.93800E+01
7.39600E+00	8.26000E+01
7.87000E+00	7.25900E+01
8.31300E+00	6.44200E+01
8.67300E+00	5.86400E+01
9.09900E+00	5.25200E+01
9.74800E+00	4.45300E+01
1.04300E+01	3.73700E+01
1.11700E+01	3.03000E+01
1.16100E+01	2.60200E+01

HAASE $ DUECKER. Z PHYSIK CHEM NF 46, 140 (1965)

CONCENTRATION

	TRANSFERENCE NUMBER
1.03900E-01	8.44800E-01

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1.05400E-01	8.45000E-01
1.12300E-01	8.44900E-01
1.64700E-01	8.47000E-01
1.86000E-01	8.46700E-01
2.12600E-01	8.47600E-01
2.13500E-01	8.48400E-01
2.72800E-01	8.48900E-01
2.72800E-01	8.49700E-01
3.23600E-01	8.49500E-01
3.64500E-01	8.48500E-01
4.07800E-01	8.47500E-01
4.12000E-01	8.47600E-01
4.98100E-01	8.43500E-01
5.94300E-01	8.37800E-01
6.35500E-01	8.34100E-01
6.99400E-01	8.28100E-01
7.55700E-01	8.16800E-01
8.72900E-01	7.90700E-01
9.87100E-01	7.80500E-01
9.87100E-01	7.81300E-01
1.01160E+00	7.76400E-01
1.26400E+00	7.50500E-01
1.43100E+00	7.31800E-01
1.49900E+00	7.25900E-01
1.49900E+00	7.26500E-01
1.75300E+00	7.05200E-01
1.98100E+00	6.84600E-01
1.98100E+00	6.86000E-01
2.34300E+00	6.68100E-01
2.98400E+00	6.45600E-01
2.99600E+00	6.44100E-01
4.06200E+00	6.19600E-01
4.08800E+00	6.18800E-01
5.05700E+00	5.99400E-01

HAASE, LEHNERT $ JANSEN. Z PHYSIK CHEM NF 42, 32 (1964)

CONCENTRATION	TRANSFERENCE NUMBER
2.80000E-03	8.41500E-01
5.60000E-03	8.42300E-01
8.40000E-03	8.43200E-01
1.12000E-02	8.44300E-01
1.68000E-02	8.45000E-01
2.24000E-02	8.46200E-01
3.36000E-02	8.47800E-01
4.48000E-02	8.49000E-01
5.60000E-02	8.49200E-01
6.71000E-02	8.48600E-01

BANERJEE $ SRIVASTAVA. Z PHYSIK CHEM NF 38, 234 (1963)

CONCENTRATION	TRANSFERENCE NUMBER
1.92570E-02	8.45800E-01
3.78500E-02	8.46800E-01
5.84090E-02	8.46900E-01
5.90520E-02	8.47300E-01
7.64900E-02	8.46800E-01
9.93330E-02	8.45500E-01
1.01120E-01	8.45200E-01

COVINGTON $ PRUE. J CHEM SOC 1957, P. 1567

CONCENTRATION

	TRANSFERENCE NUMBER
-0.	8.38600E-01
2.00000E-02	8.45600E-01
4.00000E-02	8.47100E-01
6.00000E-02	8.47300E-01
8.00000E-02	8.46600E-01
1.00000E-01	8.45200E-01

COVINGTON $ PRUE. J CHEM SOC 1957, P. 1567

MOLALITY

	GAMMA
1.00000E-02	9.09000E-01
1.00000E-02	9.11000E-01
2.00000E-02	8.82000E-01
2.00000E-02	8.85000E-01
5.00000E-02	8.41000E-01
5.00000E-02	8.43000E-01
1.00000E-01	8.00000E-01
1.00000E-01	8.04000E-01

COVINGTON $ PRUE. J CHEM SOC 1957, P. 1567

PERCHLORIC ACID IN WATER AT 30 DEGREES C

TEMP	MS	MO	NU	NU+	NU-	Z+	Z-
30.000	100.460	18.015	2.0	1.0	1.0	1.0	-1.0

CONCENTRATION

	TRANSFERENCE NUMBER
2.80000E-03	8.33800E-01
5.60000E-03	8.35000E-01
8.40000E-03	8.35800E-01
1.12000E-02	8.36700E-01
1.68000E-02	8.37600E-01
2.24000E-02	8.38400E-01
3.36000E-02	8.40200E-01
4.48000E-02	8.41400E-01
5.60000E-02	8.41400E-01
6.71000E-02	8.40800E-01

BANERJEE $ SRIVASTAVA. Z PHYSIK CHEM NF 38, 234 (1963)

PERCHLORIC ACID IN WATER AT 40 DEGREES C

TEMP	MS	MO	NU	NU+	NU-	Z+	Z-
40.000	100.460	18.015	2.0	1.0	1.0	1.0	-1.0

CONCENTRATION

	TRANSFERENCE NUMBER
2.80000E-03	8.22800E-01
5.60000E-03	8.24200E-01
8.40000E-03	8.25000E-01
1.12000E-02	8.25600E-01
1.68000E-02	8.26700E-01
2.24000E-02	8.28000E-01
3.36000E-02	8.29500E-01
4.48000E-02	8.31000E-01
5.60000E-02	8.30800E-01
6.71000E-02	8.29700E-01

BANERJEE $ SRIVASTAVA. Z PHYSIK CHEM NF 38, 234 (1963)

PERCHLORIC ACID IN WATER AT 50 DEGREES C

TEMP	MS	MO	NU	NU+	NU-	Z+	Z-
50.000	100.460	18.015	2.0	1.0	1.0	1.0	-1.0

CONCENTRATION	TRANSFERENCE NUMBER
2.80000E-03	8.13000E-01
5.60000E-03	8.15000E-01
8.40000E-03	8.15500E-01
1.12000E-02	8.16000E-01
1.68000E-02	8.17600E-01
2.24000E-02	8.18600E-01
3.36000E-02	8.20200E-01
4.48000E-02	8.22000E-01
5.60000E-02	8.21600E-01
6.71000E-02	8.20800E-01

BANERJEE $ SRIVASTAVA. Z PHYSIK CHEM NF 38, 234 (1963)

NITRIC ACID IN WATER AT -20 DEGREES C

TEMP	MS	MO	NU	NU+	NU-	Z+	Z-
-20.000	63.010	18.015	2.0	1.0	1.0	1.0	-1.0

CONCENTRATION	EQUIVALENT CONDUCTANCE
4.02300E+00	8.50300E+01
4.82700E+00	7.48900E+01
5.62400E+00	6.55100E+01
6.43900E+00	5.71600E+01
7.20500E+00	4.95600E+01
8.11200E+00	4.18100E+01
8.80400E+00	3.71900E+01
9.41900E+00	3.31000E+01
1.03100E+01	2.81700E+01
1.06900E+01	2.63000E+01
1.20800E+01	2.06300E+01

1.34500E+01	1.62500E+01
1.64000E+01	1.04600E+01
1.82000E+01	7.83800E+00
1.94200E+01	5.44700E+00
2.05300E+01	3.34000E+00
2.17300E+01	1.96400E+00

HAASE, SAUERMANN $ DUECKER. Z PHYSIK CHEM NF 46, 129 (1965)

NITRIC ACID IN WATER AT -10 DEGREES C

TEMP	MS	MO	NU	NU+	NU-	Z+	Z-
-10.000	63.010	18.015	2.0	1.0	1.0	1.0	-1.0

CONCENTRATION

	EQUIVALENT CONDUCTANCE
3.20800E+00	1.24700E+02
4.01400E+00	1.09900E+02
4.80900E+00	9.61800E+01
5.61000E+00	8.40200E+01
6.41800E+00	7.30600E+01
7.17100E+00	6.36600E+01
8.07400E+00	5.42600E+01
8.75000E+00	4.82800E+01
9.36200E+00	4.27700E+01
1.02400E+01	3.69500E+01
1.06100E+01	3.46000E+01
1.19900E+01	2.74600E+01
1.33700E+01	2.19700E+01
1.62300E+01	1.41000E+01
1.79400E+01	1.04400E+01
1.91800E+01	7.13300E+00
2.03000E+01	4.31500E+00
2.14900E+01	2.50500E+00
2.26400E+01	1.93700E+00
2.29500E+01	1.64300E+00
2.33100E+01	1.51200E+00
2.36000E+01	1.38600E+00
2.39900E+01	1.39300E+00
2.47100E+01	1.48000E+00

HAASE, SAUERMANN $ DUECKER. Z PHYSIK CHEM NF 46, 129 (1965)

NITRIC ACID IN WATER AT 0 DEGREES C

TEMP	MS	MO	NU	NU+	NU-	Z+	Z-
-0.	63.010	18.015	2.0	1.0	1.0	1.0	-1.0

CONCENTRATION

	EQUIVALENT CONDUCTANCE
4.94600E-01	2.37100E+02
6.35500E-01	2.28100E+02

1.15700E+00	2.13400E+02
1.50600E+00	2.03200E+02
1.86300E+00	1.93200E+02
2.40800E+00	1.76100E+02
2.79100E+00	1.67200E+02
3.19600E+00	1.56900E+02
3.57200E+00	1.46900E+02
4.00000E+00	1.36900E+02
4.38900E+00	1.28300E+02
5.24400E+00	1.10700E+02
5.59100E+00	1.04500E+02
5.91100E+00	9.85300E+01
6.38600E+00	9.09500E+01
7.13100E+00	7.96000E+01
8.02900E+00	6.84900E+01
8.68900E+00	6.07900E+01
9.29700E+00	5.52900E+01
1.01600E+01	4.77200E+01
1.05400E+01	4.46300E+01
1.11000E+01	4.05500E+01
1.19000E+01	3.57700E+01
1.24400E+01	3.28600E+01
1.32700E+01	2.88600E+01
1.60700E+01	1.81300E+01
1.88800E+01	8.96700E+00
2.00800E+01	5.33900E+00
2.12500E+01	3.06300E+00
2.23900E+01	2.35600E+00
2.26900E+01	1.95400E+00
2.30400E+01	1.79300E+00
2.33300E+01	1.64300E+00
2.37200E+01	1.60200E+00
2.44100E+01	1.65800E+00

HAASE, SAUERMANN $ DUECKER. Z PHYSIK CHEM NF 46, 129 (1965)

NITRIC ACID IN WATER AT 10 DEGREES C

TEMP	MS	MO	NU	NU+	NU-	Z+	Z-
10.000	63.010	18.015	2.0	1.0	1.0	1.0	-1.0

CONCENTRATION	EQUIVALENT CONDUCTANCE
4.94200E-01	2.82300E+02
6.34700E-01	2.78600E+02
7.97300E-01	2.73000E+02
1.15500E+00	2.58200E+02
1.50200E+00	2.44100E+02
1.85700E+00	2.31500E+02
2.39900E+00	2.12800E+02
2.78000E+00	2.01300E+02
3.18400E+00	1.88200E+02
3.55600E+00	1.77400E+02
3.98100E+00	1.64200E+02
4.36800E+00	1.53900E+02
5.21500E+00	1.32500E+02
5.56000E+00	1.25300E+02

5.87600E+00	1.18600E+02
6.34600E+00	1.09300E+02
7.08200E+00	9.65300E+01
7.97300E+00	8.31000E+01
8.62400E+00	7.39300E+01
9.22600E+00	6.69400E+01
1.00800E+01	5.79700E+01
1.04500E+01	5.48600E+01
1.10100E+01	4.99500E+01
1.17900E+01	4.42900E+01
1.23300E+01	4.05600E+01
1.31500E+01	3.57800E+01
1.59000E+01	2.23400E+01
1.74100E+01	1.62100E+01
1.86700E+01	1.07000E+01
1.98600E+01	6.33900E+00
2.10100E+01	3.60000E+00
2.21300E+01	2.73800E+00
2.24300E+01	2.25300E+00
2.27700E+01	2.05500E+00
2.30600E+01	1.86200E+00
2.34400E+01	1.79100E+00
2.41200E+01	1.81800E+00

HAASE, SAUERMANN $ DUECKER. Z PHYSIK CHEM NF 46, 129 (1965)

NITRIC ACID IN WATER AT 20 DEGREES C

TEMP	MS	MO	NU	NU+	NU-	Z+	Z-
20.000	63.010	18.015	2.0	1.0	1.0	1.0	-1.0

CONCENTRATION	EQUIVALENT CONDUCTANCE
4.93100E-01	3.32100E+02
6.33200E-01	3.26200E+02
7.95400E-01	3.16100E+02
1.15200E+00	2.99700E+02
1.49700E+00	2.85200E+02
1.85100E+00	2.70500E+02
2.39000E+00	2.46600E+02
2.76800E+00	2.33400E+02
3.16900E+00	2.19300E+02
3.53900E+00	2.06100E+02
3.96000E+00	1.91100E+02
4.34300E+00	1.78700E+02
4.73400E+00	1.67200E+02
5.18300E+00	1.54800E+02
5.52500E+00	1.45900E+02
5.83800E+00	1.38000E+02
6.30300E+00	1.27800E+02
7.03100E+00	1.12500E+02
7.91100E+00	9.69000E+01
8.55400E+00	8.70500E+01
9.14900E+00	7.89700E+01
9.99100E+00	6.88000E+01
1.03600E+01	6.45800E+01
1.09100E+01	5.91300E+01

1.16800E+01	5.23800E+01
1.22100E+01	4.81300E+01
1.30200E+01	4.25100E+01
1.57300E+01	2.63700E+01
1.71500E+01	1.89500E+01
1.84600E+01	1.22800E+01
1.96400E+01	7.19800E+00
2.07800E+01	4.01300E+00
2.18700E+01	3.11100E+00
2.21700E+01	2.61800E+00
2.25100E+01	2.28400E+00
2.27900E+01	2.07300E+00
2.31700E+01	1.95600E+00
2.38400E+01	2.00000E+00

HAASE, SAUERMANN $ DUECKER. Z PHYSIK CHEM NF 46, 129 (1965)

NITRIC ACID IN WATER AT 25 DEGREES C

TEMP	MS	MO	NU	NU+	NU-	Z+	Z-
25.000	63.010	18.015	2.0	1.0	1.0	1.0	-1.0

MASS FRACTION

	DENSITY
1.00000E-02	1.00241E+00
2.00000E-02	1.00778E+00
3.00000E-02	1.01318E+00
4.00000E-02	1.01861E+00
5.00000E-02	1.02408E+00
6.00000E-02	1.02958E+00
7.00000E-02	1.03520E+00
8.00000E-02	1.04090E+00
9.00000E-02	1.04660E+00
1.00000E-01	1.05230E+00
1.10000E-01	1.05810E+00
1.20000E-01	1.06400E+00
1.30000E-01	1.06990E+00
1.40000E-01	1.07580E+00
1.50000E-01	1.08180E+00
1.60000E-01	1.08790E+00
1.70000E-01	1.09400E+00
1.80000E-01	1.10010E+00
1.90000E-01	1.10620E+00
2.00000E-01	1.11230E+00
2.10000E-01	1.11850E+00
2.20000E-01	1.12470E+00
2.30000E-01	1.13100E+00
2.40000E-01	1.13740E+00
2.50000E-01	1.14380E+00
2.60000E-01	1.15020E+00
2.70000E-01	1.15660E+00
2.80000E-01	1.16310E+00
2.90000E-01	1.16970E+00
3.00000E-01	1.17630E+00
3.10000E-01	1.18290E+00
3.20000E-01	1.18960E+00
3.30000E-01	1.19630E+00

3.40000E-01	1.20300E+00
3.50000E-01	1.20980E+00
3.60000E-01	1.21630E+00
3.70000E-01	1.22270E+00
3.80000E-01	1.22910E+00
3.90000E-01	1.23540E+00
4.00000E-01	1.24170E+00
4.10000E-01	1.24800E+00
4.20000E-01	1.25430E+00
4.30000E-01	1.26060E+00
4.40000E-01	1.26690E+00
4.50000E-01	1.27320E+00
4.60000E-01	1.27950E+00
4.70000E-01	1.28580E+00
4.80000E-01	1.29210E+00
4.90000E-01	1.29840E+00
5.00000E-01	1.30430E+00
5.10000E-01	1.31020E+00
5.20000E-01	1.31600E+00
5.30000E-01	1.32180E+00
5.40000E-01	1.32750E+00
5.50000E-01	1.33310E+00
5.60000E-01	1.33860E+00
5.70000E-01	1.34410E+00
5.80000E-01	1.34950E+00
5.90000E-01	1.35480E+00
6.00000E-01	1.36000E+00
6.10000E-01	1.36510E+00
6.20000E-01	1.37000E+00
6.30000E-01	1.37480E+00
6.40000E-01	1.37950E+00
6.50000E-01	1.38410E+00
6.60000E-01	1.38870E+00
6.70000E-01	1.39320E+00
6.80000E-01	1.39760E+00
6.90000E-01	1.40190E+00
7.00000E-01	1.40610E+00
7.10000E-01	1.41020E+00
7.20000E-01	1.41420E+00
7.30000E-01	1.41820E+00
7.40000E-01	1.42210E+00
7.50000E-01	1.42590E+00
7.60000E-01	1.42960E+00
7.70000E-01	1.43330E+00
7.80000E-01	1.43690E+00
7.90000E-01	1.44040E+00
8.00000E-01	1.44390E+00
8.10000E-01	1.44730E+00
8.20000E-01	1.45070E+00
8.30000E-01	1.45400E+00
8.40000E-01	1.45720E+00
8.50000E-01	1.46030E+00
8.60000E-01	1.46330E+00
8.70000E-01	1.46620E+00
8.80000E-01	1.46900E+00
8.90000E-01	1.47160E+00
9.00000E-01	1.47410E+00
9.10000E-01	1.47660E+00
9.20000E-01	1.47890E+00
9.30000E-01	1.48070E+00
9.40000E-01	1.48260E+00
9.50000E-01	1.48460E+00

9.60000E-01	1.48670E+00
9.70000E-01	1.48890E+00
9.80000E-01	1.49220E+00
9.90000E-01	1.49690E+00
1.00000E+00	1.50400E+00

INTERNATIONAL CRITICAL TABLES (1929)

MASS FRACTION	RELATIVE VISCOSITY
2.02300E-01	1.03750E+00
2.80000E-01	1.10000E+00
3.52800E-01	1.18750E+00
4.33200E-01	1.29370E+00
5.07100E-01	1.38120E+00
5.86000E-01	1.45720E+00
6.53000E-01	1.46250E+00

TIMMERMANS. PHYSICO-CHEMICAL CONSTANTS OF BINARY SYSTEMS, 1960

CONCENTRATION	MOLAR CONDUCTANCE
0.	4.21300E+02
5.00000E-01	3.56800E+02
1.00000E+00	3.28600E+02
2.00000E+00	2.81500E+02
3.00000E+00	2.40000E+02
4.00000E+00	2.02400E+02
5.00000E+00	1.70500E+02
6.00000E+00	1.44000E+02
7.00000E+00	1.20500E+02
8.00000E+00	1.01900E+02
9.00000E+00	8.67200E+01
1.00000E+01	7.38100E+01

HAASE, SAUERMANN $ DUECKER. Z PHYSIK CHEM NF 43, 218 (1964)

CONCENTRATION	EQUIVALENT CONDUCTANCE
1.00000E-01	3.85000E+02

MAC INNES $ COWPERTHWAITE. TRANS FARADAY SOC 23, 400 (1927)

CONCENTRATION	MOLAR CONDUCTANCE
5.00000E-04	4.17000E+02
2.00000E-03	4.13700E+02
1.00000E-02	4.06000E+02
5.00000E-02	3.93300E+02
1.00000E-01	3.85000E+02
5.00000E-03	4.11200E+02
1.00000E-02	4.07300E+02
2.00000E-02	4.02800E+02
5.00000E-02	3.94000E+02
1.00000E-01	3.86000E+02
2.00000E-01	3.76100E+02

LANDOLT-BORNSTEIN. VOL 2, PART 7 (1960)

CONCENTRATION	CONDUCTIVITY
4.92400E-01	1.75800E-01

6.32300E-01	2.21200E-01
7.94300E-01	2.69600E-01
1.15000E+00	3.69700E-01
1.49500E+00	4.54200E-01
1.84700E+00	5.32900E-01
2.38500E+00	6.31300E-01
2.76200E+00	6.90400E-01
3.16100E+00	7.40600E-01
3.95000E+00	8.03300E-01
4.33200E+00	8.30200E-01
4.72100E+00	8.43700E-01
5.16800E+00	8.52300E-01
5.50700E+00	8.55100E-01
5.81900E+00	8.58200E-01
6.28200E+00	8.59000E-01
7.00700E+00	8.43600E-01
7.88200E+00	8.19300E-01
8.52200E+00	7.97400E-01
9.11200E+00	7.74700E-01
9.94900E+00	7.39000E-01
1.03100E+01	7.19200E-01
1.08600E+01	6.93500E-01
1.16300E+01	6.58500E-01
1.21600E+01	6.32700E-01
1.29600E+01	5.96600E-01
1.56500E+01	4.42900E-01
1.70600E+01	3.45600E-01
1.83600E+01	2.39200E-01
1.95300E+01	1.48800E-01
2.06600E+01	8.79900E-02

HAASE, SAUERMANN $ DUECKER. Z PHYSIK CHEM NF 46, 129 (1965)

CONCENTRATION

	CONDUCTIVITY
2.17500E+01	7.05600E-02
2.20400E+01	6.01000E-02
2.23800E+01	5.32700E-02
2.26600E+01	4.88800E-02
2.30300E+01	4.65200E-02
2.37000E+01	4.87600E-02

HAASE, SAUERMANN $ DUECKER. Z PHYSIK CHEM NF 46, 129 (1965)

CONCENTRATION

	TRANSFERENCE NUMBER
0.	8.30400E-01
2.00000E-02	8.37700E-01
4.00000E-02	8.39400E-01
6.00000E-02	8.40200E-01
8.00000E-02	8.40600E-01
1.00000E-01	8.40800E-01

COVINGTON $ PRUE. J CHEM SOC 1957, P. 1567

CONCENTRATION

	TRANSFERENCE NUMBER
1.00000E-01	8.44100E-01

MAC INNES $ COWPERTHWAITE. TRANS FARADAY SOC 23, 400 (1927)

CONCENTRATION

	TRANSFERENCE NUMBER
4.03000E-03	8.32900E-01
2.41800E-02	8.37100E-01
4.03000E-02	8.39200E-01
8.86600E-02	8.43800E-01

BANERJI, SRIVASTAVA $ GOPAL. J INDIAN CHEM SOC 40, 651 (1963)

CONCENTRATION	TRANSFERENCE NUMBER
9.62000E-02	8.39200E-01
1.84000E-01	8.41600E-01
1.99800E-01	8.38800E-01
2.03300E-01	8.41100E-01
5.18000E-01	8.36800E-01
5.18000E-01	8.39700E-01
9.28900E-01	8.34800E-01
9.28900E-01	8.33400E-01
1.65190E+00	8.24100E-01
1.65190E+00	8.25000E-01
3.28350E+00	8.02900E-01
5.65520E+00	7.77900E-01
5.65520E+00	7.80700E-01
7.73410E+00	7.40200E-01
9.37700E+00	7.10100E-01
9.37700E+00	7.11200E-01

HAASE, LEHNERT $ JANSEN. Z PHYSIK CHEM NF 42, 32 (1964)

CONCENTRATION	TRANSFERENCE NUMBER
2.29750E-02	8.38600E-01
4.30690E-02	8.39700E-01
5.84140E-02	8.40000E-01
8.20530E-02	8.40500E-01
1.00220E-01	8.40900E-01

COVINGTON $ PRUE. J CHEM SOC 1957, P. 1567

CONCENTRATION	DIFFUSION COEFFICIENT
-0.	3.15800E-05
4.56000E-01	2.84200E-05
1.00500E+00	2.97900E-05
2.15500E+00	3.18000E-05
3.04000E+00	3.31200E-05

CHAPMAN. PH. D. THESIS. UCRL-17768. NOVEMBER, 1967

MOLALITY	GAMMA
1.00000E-01	7.91000E-01
2.00000E-01	7.54000E-01
3.00000E-01	7.35000E-01
4.00000E-01	7.25000E-01
5.00000E-01	7.20000E-01
6.00000E-01	7.17000E-01
7.00000E-01	7.17000E-01
8.00000E-01	7.18000E-01
9.00000E-01	7.21000E-01
1.00000E+00	7.24000E-01
1.20000E+00	7.34000E-01

1.40000E+00	7.45000E-01
1.60000E+00	7.58000E-01
1.80000E+00	7.75000E-01
2.00000E+00	7.93000E-01
2.50000E+00	8.46000E-01
3.00000E+00	9.09000E-01

ROBINSON $ STOKES. ELECTROLYTE SOLUTIONS, 2ND ED (REV) (1959)

MOLALITY	GAMMA
1.00000E-02	9.09000E-01
1.00000E-02	9.11000E-01
2.00000E-02	8.81000E-01
2.00000E-02	8.84000E-01
5.00000E-02	8.38000E-01
5.00000E-02	8.40000E-01
1.00000E-01	7.96000E-01
1.00000E-01	7.98000E-01

COVINGTON $ PRUE. J CHEM SOC 1957, P. 1567

MOLALITY	GAMMA
1.00000E-03	9.64600E-01
2.00000E-03	9.51300E-01
5.00000E-03	9.26700E-01
1.00000E-02	9.01700E-01
2.00000E-02	8.71000E-01
5.00000E-02	8.22800E-01
1.00000E-01	7.85000E-01
2.00000E-01	7.47900E-01
5.00000E-01	7.15100E-01
7.00000E-01	7.12800E-01
1.00000E+00	7.19800E-01
1.50000E+00	7.46100E-01
2.00000E+00	7.82600E-01
3.00000E+00	8.75900E-01
4.00000E+00	9.82100E-01
5.00000E+00	1.08200E+00
6.00000E+00	1.16300E+00
7.00000E+00	1.24900E+00
1.00000E+01	1.49000E+00
1.50000E+01	1.80000E+00
2.00000E+01	2.02000E+00
2.50000E+01	2.22000E+00
3.00000E+01	2.39000E+00
4.00000E+01	2.58000E+00
5.00000E+01	2.61000E+00
6.00000E+01	2.74000E+00

LANDOLT-BORNSTEIN 1923. SUPPL 3, PART 3 (1936)

NITRIC ACID IN WATER AT 30 DEGREES C

TEMP	MS	MO	NU	NU+	NU-	Z+	Z-
30.000	63.010	18.015	2.0	1.0	1.0	1.0	-1.0

CONCENTRATION	EQUIVALENT CONDUCTANCE
4.91500E-01	3.81500E+02
6.31200E-01	3.71800E+02
7.92800E-01	3.63000E+02
1.14800E+00	3.42300E+02
1.49200E+00	3.24200E+02
1.84300E+00	3.08200E+02
2.37700E+00	2.82100E+02
2.75600E+00	2.65100E+02
3.15400E+00	2.49700E+02
3.52100E+00	2.34000E+02
3.93900E+00	2.17100E+02
4.32000E+00	2.04000E+02
4.70800E+00	1.90700E+02
5.15300E+00	1.76300E+02
5.80100E+00	1.57500E+02
6.26100E+00	1.46100E+02
6.98100E+00	1.28700E+02
7.85200E+00	1.11600E+02
8.48800E+00	1.00300E+02
9.07500E+00	9.11200E+01
9.90000E+00	7.98800E+01
1.02700E+01	7.50700E+01
1.08100E+01	6.89000E+01
1.15700E+01	6.11800E+01
1.21000E+01	5.62500E+01
1.28900E+01	4.97300E+01
1.57600E+01	3.03400E+01
1.69600E+01	2.15300E+01
1.83000E+01	1.37400E+01
1.94200E+01	7.99300E+00
2.05400E+01	4.44500E+00
2.16200E+01	3.39000E+00
2.19200E+01	2.83200E+00
2.22500E+01	2.47500E+00
2.25300E+01	2.23700E+00
2.35600E+01	2.11900E+00

HAASE, SAUERMANN $ DUECKER. Z PHYSIK CHEM NF 46, 129 (1965)

CONCENTRATION	TRANSFERENCE NUMBER
4.03000E-03	8.29300E-01
2.41800E-02	8.43400E-01
4.03000E-02	8.36100E-01
8.86600E-02	8.40400E-01

BANERJI, SRIVASTAVA $ GOPAL. J INDIAN CHEM SOC 40, 651 (1963)

NITRIC ACID IN WATER AT 40 DEGREES C

TEMP	MS	MO	NU	NU+	NU-	Z+	Z-
40.000	63.010	18.015	2.0	1.0	1.0	1.0	-1.0

CONCENTRATION

	EQUIVALENT CONDUCTANCE
4.89700E-01	4.26600E+02
6.28800E-01	4.13300E+02
7.89700E-01	4.01900E+02
1.14300E+00	3.83300E+02
1.48500E+00	3.62200E+02
1.83500E+00	3.42200E+02
2.36800E+00	3.15300E+02
2.74100E+00	2.97900E+02
3.13600E+00	2.78800E+02
3.50100E+00	2.62100E+02
3.91600E+00	2.42900E+02
4.29200E+00	2.27100E+02
4.67700E+00	2.13500E+02
5.11800E+00	1.97800E+02
5.75900E+00	1.77800E+02
6.21500E+00	1.64300E+02
6.92900E+00	1.45000E+02
7.78900E+00	1.25600E+02
8.41700E+00	1.13500E+02
8.99600E+00	1.03700E+02
9.81700E+00	9.10800E+01
1.01700E+01	8.65300E+01
1.07100E+01	7.96300E+01
1.14600E+01	7.03200E+01
1.19800E+01	6.47100E+01
1.27600E+01	5.70200E+01
1.53900E+01	3.39500E+01
1.67800E+01	2.38300E+01
1.81300E+01	1.50000E+01
1.91900E+01	8.66800E+00
2.03000E+01	4.76000E+00
2.13600E+01	3.61800E+00
2.16600E+01	2.99200E+00
2.19900E+01	2.61400E+00
2.22700E+01	2.36000E+00
2.32800E+01	2.21100E+00

HAASE, SAUERMANN $ DUECKER. Z PHYSIK CHEM NF 46, 129 (1965)

CONCENTRATION

	TRANSFERENCE NUMBER
4.03000E-03	8.24900E-01
2.41800E-02	8.29700E-01
4.03000E-02	8.32400E-01
6.44800E-02	8.35000E-01
8.86600E-02	8.36800E-01

BANERJI, SRIVASTAVA $ GOPAL. J INDIAN CHEM SOC 40, 651 (1963)

NITRIC ACID IN WATER AT 50 DEGREES C

TEMP	MS	MO	NU	NU+	NU-	Z+	Z-
50.000	63.010	18.015	2.0	1.0	1.0	1.0	-1.0

CONCENTRATION

EQUIVALENT CONDUCTANCE

4.87600E-01	4.69700E+02
6.26000E-01	4.57800E+02
7.86100E-01	4.47900E+02
1.13800E+00	4.24200E+02
1.47800E+00	4.02200E+02
1.82500E+00	3.79800E+02
2.35500E+00	3.43900E+02
2.72600E+00	3.25800E+02
3.11800E+00	3.05600E+02
3.48000E+00	2.86700E+02
3.89200E+00	2.65900E+02
4.26600E+00	2.49900E+02
5.08400E+00	2.16200E+02
5.71800E+00	1.94600E+02
6.17000E+00	1.80900E+02
6.87500E+00	1.60100E+02
7.72500E+00	1.40700E+02
8.34600E+00	1.27400E+02
8.91800E+00	1.16300E+02
9.72800E+00	1.02200E+02
1.00800E+01	9.69900E+01
1.06100E+01	8.85100E+01
1.13500E+01	7.88400E+01
1.18600E+01	7.27100E+01
1.26300E+01	6.36100E+01
1.52300E+01	3.71600E+01
1.65900E+01	2.58100E+01
1.79600E+01	1.60100E+01
1.89700E+01	9.18700E+00
2.00600E+01	4.98000E+00
2.10900E+01	3.78200E+00
2.14100E+01	3.10000E+00
2.17300E+01	2.71600E+00
2.20000E+01	2.43600E+00
2.23700E+01	2.24600E+00
2.30000E+01	2.26900E+00

HAASE, SAUERMANN $ DUECKER. Z PHYSIK CHEM NF 46, 129 (1965)

CONCENTRATION

	TRANSFERENCE NUMBER
4.03000E-03	8.20200E-01
2.41800E-02	8.25700E-01
4.03000E-02	8.27900E-01
6.44800E-02	8.30600E-01

BANERJI, SRIVASTAVA $ GOPAL. J INDIAN CHEM SOC 40, 651 (1963)

PHOSPHORIC ACID IN WATER AT 25 DEGREES C

TEMP	MS	MO	NU	NU+	NU-	Z+	Z-
25.000	98.000	18.015	2.0	1.0	1.0	1.0	-1.0

MASS FRACTION

	DENSITY
3.80000E-03	9.99100E-01
2.30000E-02	1.01010E+00

3.77000E-02	1.02070E+00
9.32000E-02	1.05000E+00
1.56400E-01	1.08750E+00
2.50400E-01	1.14700E+00
3.89100E-01	1.24680E+00
4.27800E-01	1.27600E+00
4.49400E-01	1.29600E+00
4.55400E-01	1.29870E+00

KLOCHO $ KURBANOV. INST OBSHCH NEORG KHIM IZVEST 24, 252 (1954)

CONCENTRATION	DENSITY
9.92700E-02	1.00250E+00
1.00000E-01	1.00260E+00
1.97600E-01	1.00750E+00
2.95100E-01	1.01250E+00
6.75900E-01	1.03180E+00
9.52300E-01	1.04570E+00
1.82000E+00	1.08900E+00
2.61880E+00	1.12900E+00
3.34950E+00	1.16540E+00
4.02200E+00	1.19880E+00
4.64200E+00	1.22870E+00
5.75100E+00	1.28250E+00
6.24630E+00	1.30620E+00
6.70590E+00	1.32780E+00
7.00000E+00	1.34220E+00
8.00000E+00	1.38820E+00
9.00000E+00	1.43460E+00
1.00000E+01	1.48060E+00
1.10000E+01	1.52550E+00
1.20000E+01	1.57190E+00
1.30000E+01	1.61520E+00
1.40000E+01	1.65910E+00
1.58870E+01	1.73450E+00
1.80200E+01	1.82240E+00

MASON $ CULVERN. JACS 71, 2387 (1949)

CONCENTRATION	RELATIVE DENSITY
4.60000E-02	1.00268E+00
7.41000E-02	1.00419E+00
1.60200E-01	1.00875E+00
2.45600E-01	1.01324E+00
3.62000E-01	1.01938E+00
5.46700E-01	1.02906E+00
7.68100E-01	1.04054E+00
9.97200E-01	1.05237E+00
1.29120E+00	1.06754E+00

DRUCKER. ARKIV KEMI MIN GEOL 22A, NO. 21, 17 PP (1946)

CONCENTRATION	RELATIVE VISCOSITY
4.60000E-02	1.01280E+00
7.41000E-02	1.02020E+00
1.60200E-01	1.04230E+00
2.45600E-01	1.06460E+00
3.62000E-01	1.09620E+00
5.46700E-01	1.14860E+00

7.68100E-01	1.21460E+00
9.97200E-01	1.28730E+00
1.29120E+00	1.38800E+00

DRUCKER. ARKIV KEMI MIN GEOL 22A, NO. 21, 17 PP (1946)

MASS FRACTION

	VISCOSITY
3.80000E-03	9.68800E-01
2.30000E-02	9.75100E-01
3.77000E-02	9.89700E-01
9.32000E-02	1.14600E+00
1.56400E-01	1.40700E+00
2.50400E-01	1.88400E+00
3.89100E-01	3.10200E+00
4.27800E-01	3.63100E+00
4.49400E-01	4.04100E+00
4.55400E-01	4.09400E+00
4.77000E-01	4.41800E+00
4.80000E-01	4.56400E+00
5.18300E-01	5.32200E+00
5.52500E-01	6.40200E+00
5.97100E-01	8.12200E+00
6.23200E-01	9.04800E+00
6.44600E-01	9.84000E+00
6.88900E-01	1.29110E+01
7.16000E-01	1.52450E+01
7.55300E-01	2.02470E+01
8.13200E-01	2.94000E+01
8.27200E-01	3.39170E+01
8.35800E-01	3.54180E+01
8.85000E-01	5.57040E+01
8.93800E-01	6.14920E+01
9.08200E-01	6.58200E+01
9.22400E-01	7.51060E+01
9.37400E-01	8.36280E+01
9.56900E-01	1.07598E+02
9.64000E-01	1.12056E+02
9.83000E-01	1.47138E+02
9.85000E-01	1.56071E+02

KLOCHO $ KURBANOV. INST OBSHCH NEORG KHIM IZVEST 24, 252 (1954)

MASS FRACTION

	CONDUCTIVITY
3.82000E-03	5.20000E-03
2.30000E-02	1.94000E-02
3.77000E-02	2.68000E-02
9.32000E-02	5.84000E-02
1.56400E-01	9.61000E-02
2.50400E-01	1.52500E-01
3.89100E-01	2.19100E-01
4.27800E-01	2.28700E-01
4.49400E-01	2.31600E-01
4.55400E-01	2.31800E-01
4.74000E-01	2.32100E-01
4.80000E-01	2.31900E-01
5.18300E-01	2.29200E-01

KLOCHO $ KURBANOV. INST OBSHCH NEORG KHIM IZVEST 24, 252 (1954)

CONCENTRATION

	MOLAR CONDUCTANCE
1.00000E-03	3.36380E+02
3.00000E-03	2.91820E+02
4.00000E-03	2.76210E+02
6.00000E-03	2.53710E+02
8.00000E-03	2.36990E+02
1.00000E-02	2.23000E+02
2.00000E-02	1.80950E+02
2.59300E-02	1.66340E+02
4.00000E-02	1.43730E+02
4.77700E-02	1.34630E+02
5.00000E-02	1.33050E+02
7.00000E-02	1.17890E+02
8.00000E-02	1.12590E+02
9.00000E-02	1.08000E+02
9.92700E-02	1.04430E+02
1.00000E-01	1.04050E+02
1.97600E-01	8.31000E+01
2.95100E-01	7.39600E+01
6.75900E-01	6.11700E+01
9.52300E-01	5.82000E+01
1.82000E+00	5.54400E+01
2.61880E+00	5.39500E+01
3.34950E+00	5.16300E+01
4.02200E+00	4.90200E+01
4.64200E+00	4.60700E+01
5.75100E+00	4.01800E+01
6.24630E+00	3.73200E+01
6.70590E+00	3.45600E+01
7.00000E+00	3.30300E+01
8.00000E+00	2.75300E+01
9.00000E+00	2.25200E+01
1.00000E+01	1.81600E+01
1.10000E+01	1.44700E+01
1.20000E+01	1.14300E+01
1.30000E+01	9.04000E+00
1.40000E+01	7.16000E+00
1.58870E+01	4.80000E+00
1.80200E+01	3.14000E+00

MASON $ CULVERN. JACS 71, 2387 (1949)

MOLALITY

	TRANSFERENCE NUMBER
0.	8.95000E-01
2.00000E-02	8.88000E-01
5.00000E-02	8.77000E-01
1.00000E-01	8.70000E-01
2.00000E-01	8.62000E-01
3.00000E-01	8.58000E-01
5.00000E-01	8.52000E-01
8.00000E-01	8.46000E-01
2.00000E+00	8.36000E-01
4.00000E+00	8.29000E-01

KERKER $ ESPENSCHEID. JACS 80, 776 (1958)

CONCENTRATION

	TRANSFERENCE NUMBER
1.00000E-01	8.97000E-01
2.50000E-01	8.60000E-01
6.93000E-01	9.10000E-01

1.09000E+00	9.16000E-01
1.57000E+00	9.17000E-01
2.67000E+00	9.29000E-01
3.80000E+00	9.88000E-01

SAHAY. INDIAN J CHEM 1, 103 (1963)

CONCENTRATION

	TRANSFERENCE NUMBER
0.	8.95000E-01
8.80000E-03	9.00500E-01
2.20000E-02	9.04000E-01
3.52000E-02	9.06300E-01
4.40000E-02	9.09000E-01

KERKER, BOWMAN $ MATIJEVIC. TRANS FARADAY SOC 56, 1039 (1960)

G/100 G OF SOLVENT

	TRANSFERENCE NUMBER
2.22200E+02	9.89000E-01
1.94100E+02	9.79000E-01
1.61600E+02	9.53000E-01
1.61600E+02	9.58000E-01
1.34200E+02	9.40000E-01
8.27000E+01	9.41000E-01
8.27000E+01	9.35000E-01
5.12000E+01	9.39000E-01
5.12000E+01	9.38000E-01
1.51000E+01	9.74000E-01

KUDRA, FIALKOV $ ZHITOMIRSKII. ZH NEORG KHIM 9, 2454 (1964)

MOLALITY

	TRANSFERENCE NUMBER
-0.	9.14000E-01
2.00000E-02	8.90000E-01
3.00000E-02	8.80000E-01
5.00000E-02	8.60000E-01
7.00000E-02	8.50000E-01
1.00000E-01	8.40000E-01
2.00000E-01	8.20000E-01
3.00000E-01	8.10000E-01
5.00000E-01	8.00000E-01
7.00000E-01	7.90000E-01
1.00000E+00	7.80000E-01
2.00000E+00	7.60000E-01
3.00000E+00	7.40000E-01
4.00000E+00	7.30000E-01
5.00000E+00	7.20000E-01
6.00000E+00	7.10000E-01
7.00000E+00	7.00000E-01
8.00000E+00	6.90000E-01
9.00000E+00	6.90000E-01
1.02240E+01	6.80000E-01

MASON $ CULVERN. JACS 71, 2387 (1949)

CONCENTRATION

	DIFFUSION COEFFICIENT
3.60000E-02	1.04100E-05
3.62000E-02	1.04300E-05
4.86000E-02	1.02000E-05

7.14000E-02	9.91200E-06
7.17000E-02	9.94600E-06
1.42200E-01	9.12100E-06
2.14300E-01	8.90300E-06
3.58600E-01	8.69300E-06
4.99200E-01	8.53000E-06
1.08460E+00	8.29700E-06
1.91120E+00	8.14700E-06
2.64300E+00	8.03700E-06
3.94000E+00	7.97300E-06
4.87200E+00	7.84600E-06
5.65000E+00	7.69300E-06
6.43900E+00	7.45400E-06
7.77200E+00	6.87900E-06
8.94000E+00	6.26300E-06
1.02380E+01	5.30200E-06
1.32570E+01	3.04300E-06
1.59920E+01	1.32200E-06

EDWARDS $ HUFFMAN. J PHYS CHEM 63, 1830 (1959)

MOLALITY

	1.0 + DLOG(GAMMA)/DLOG(M)
-0.	1.00000E+00
1.65900E-01	5.55990E-01
1.79400E-01	5.54290E-01
2.34200E-01	5.50240E-01
3.03400E-01	5.48440E-01
3.32100E-01	5.48230E-01
4.79800E-01	5.49650E-01
5.89900E-01	5.52700E-01
6.40600E-01	5.54620E-01
7.79000E-01	5.61530E-01
9.04000E-01	5.69720E-01
1.01340E+00	5.78230E-01
1.06750E+00	5.82830E-01
1.61030E+00	6.37730E-01
1.76020E+00	6.53990E-01
2.04450E+00	6.84290E-01
2.14740E+00	6.94920E-01
2.16450E+00	6.96660E-01
2.53480E+00	7.32780E-01
2.56220E+00	7.35330E-01
2.93660E+00	7.68750E-01
3.05750E+00	7.79100E-01
3.99780E+00	8.58950E-01
4.33060E+00	8.89240E-01
5.50920E+00	1.01000E+00
5.70630E+00	1.03140E+00
6.49490E+00	1.12300E+00
6.57240E+00	1.12030E+00
7.53560E+00	1.19410E+00
8.02800E+00	1.21750E+00
8.51420E+00	1.23340E+00
8.70200E+00	1.23870E+00

ELMORE, MASON $ CHRISTENSEN. JACS 68, 2528 (1946)

MOLALITY

	1.0 + DLOG(GAMMA)/DLOG(M)
9.18620E+00	1.27020E+00
9.51300E+00	1.28390E+00

1.02840E+01	1.31380E+00
1.09030E+01	1.33580E+00
1.10700E+01	1.34160E+00
1.11970E+01	1.34590E+00
1.19380E+01	1.37030E+00
1.26470E+01	1.39270E+00
1.35500E+01	1.41980E+00
1.40570E+01	1.43430E+00
1.56850E+01	1.47500E+00
1.59120E+01	1.47970E+00
1.80340E+01	1.50440E+00
1.90060E+01	1.50050E+00
2.07080E+01	1.46400E+00
2.13270E+01	1.44060E+00
2.16080E+01	1.42830E+00

ELMORE, MASON $ CHRISTENSEN. JACS 68, 2528 (1946)

SULFURIC ACID IN WATER AT 10 DEGREES C

TEMP	MS	MO	NU	NU+	NU-	Z+	Z-
10.000	98.080	18.015	3.0	2.0	1.0	1.0	-2.0

CONCENTRATION	DIFFUSION COEFFICIENT
2.25000E-02	1.28000E-05
4.00000E-02	1.25000E-05
9.00000E-02	1.21000E-05
1.60000E-01	1.19500E-05
3.60000E-01	1.21500E-05
6.40000E-01	1.27000E-05
1.00000E+00	1.36500E-05

HOLLINGSHEAD $ GORDON. J CHEM PHYS 8, 423 (1940)

SULFURIC ACID IN WATER AT 15 DEGREES C

TEMP	MS	MO	NU	NU+	NU-	Z+	Z-
15.000	98.080	18.015	3.0	2.0	1.0	1.0	-2.0

CONCENTRATION	DIFFUSION COEFFICIENT
2.25000E-02	1.49000E-05
4.00000E-02	1.45500E-05
9.00000E-02	1.40500E-05
1.60000E-01	1.38500E-05
3.60000E-01	1.41000E-05
6.40000E-01	1.47000E-05
1.00000E+00	1.57000E-05

HOLLINGSHEAD $ GORDON. J CHEM PHYS 8, 423 (1940)

SULFURIC ACID IN WATER AT 25 DEGREES C

TEMP	MS	MO	NU	NU+	NU-	Z+	Z-
25.000	98.080	18.015	3.0	2.0	1.0	1.0	-2.0

MASS FRACTION

	DENSITY
1.00000E-02	1.00380E+00
2.00000E-02	1.01040E+00
3.00000E-02	1.01690E+00
4.00000E-02	1.02340E+00
5.00000E-02	1.03000E+00
6.00000E-02	1.03670E+00
7.00000E-02	1.04340E+00
8.00000E-02	1.05020E+00
9.00000E-02	1.05710E+00
1.00000E-01	1.06400E+00

INTERNATIONAL CRITICAL TABLES (1929)

MASS FRACTION

	DENSITY
5.00000E-02	1.03300E+00
9.39000E-02	1.06100E+00
1.34200E-01	1.06100E+00
1.74200E-01	1.12000E+00
2.03400E-01	1.13900E+00
2.41000E-01	1.16800E+00
2.98000E-01	1.21300E+00
3.97000E-01	1.30000E+00
5.12000E-01	1.50400E+00
6.25000E-01	1.52200E+00
7.09000E-01	1.61800E+00
7.82000E-01	1.70300E+00
8.14000E-01	1.73900E+00
8.35000E-01	1.76000E+00
8.75000E-01	1.79500E+00
9.03000E-01	1.81300E+00
9.47500E-01	1.83100E+00
9.83000E-01	1.83500E+00
9.96000E-01	1.83200E+00

RHODES $ BARBOUR. IND ENG CHEM 15, 850 (1923)

MASS FRACTION

	VISCOSITY
9.60000E-01	1.90000E+01
9.82000E-01	2.20000E+01
9.98000E-01	2.24000E+01

DUNSTAN. PROC CHEM SOC 30, 104 (1914)

MASS FRACTION

	VISCOSITY
1.00000E-01	1.09100E+00
1.50000E-01	1.21800E+00
2.00000E-01	1.37100E+00

2.50000E-01	1.55900E+00
3.00000E-01	1.78400E+00
3.50000E-01	2.06700E+00
4.00000E-01	2.40900E+00
4.50000E-01	2.85000E+00
5.00000E-01	3.40000E+00

VINAL $ CRAIG. BUR STANDARDS J RESEARCH 10, 781 (1933)

MOLALITY

	RELATIVE VISCOSITY
1.00000E-02	1.00490E+00
5.00000E-02	1.01300E+00
1.00000E-01	1.02030E+00
2.00000E-01	1.03830E+00
3.00000E-01	1.05660E+00
4.00000E-01	1.07530E+00
5.00000E-01	1.09300E+00
6.00000E-01	1.11190E+00
8.00000E-01	1.14890E+00
1.00000E+00	1.18670E+00
1.25000E+00	1.23700E+00
1.50000E+00	1.28890E+00
2.00000E+00	1.39160E+00
2.50000E+00	1.50430E+00
3.00000E+00	1.62600E+00
3.50000E+00	1.75000E+00
4.00000E+00	1.87730E+00
4.50000E+00	2.00900E+00
5.00000E+00	2.14300E+00
5.50000E+00	2.27810E+00
6.00000E+00	2.41510E+00

SAVINO $ VITAGLIANO. RIC SCI REND, SEZ A2, 341 (1962)

CONCENTRATION

	CONDUCTIVITY
5.09800E-01	2.08000E-01
1.01960E+00	4.10000E-01
1.52940E+00	5.65000E-01
2.03920E+00	6.83000E-01

RICHARDSON $ TAYLOR. TRANS AM ELECTROCHEM SOC 20, 179 (1911)

NORMALITY

	EQUIVALENT CONDUCTANCE
2.23900E-01	2.50300E+02
5.83400E-02	3.18000E+02
1.44300E-02	3.62750E+02
3.65800E-03	3.90400E+02
9.41200E-04	4.07700E+02
2.47700E-04	4.18600E+02
1.00000E-01	2.51200E+02
5.00000E-02	2.73000E+02
1.25000E-02	3.27500E+02
2.00000E-03	3.90800E+02
5.00000E-04	4.13700E+02

LANDOLT-BORNSTEIN. VOL 2, PART 7 (1960)

CONCENTRATION

CONDUCTIVITY

5.09800E-01	2.16500E-01
1.01960E+00	4.06900E-01
1.37650E+00	5.15000E-01
1.52940E+00	5.55900E-01
2.03920E+00	6.68400E-01

KERN $ CHANG. TRANS AM ELECTROCHEM SOC 41, 181 (1922)

CONCENTRATION	CONDUCTIVITY
1.02800E-01	3.01400E-02
3.25500E-02	1.10400E-02
8.87800E-03	3.32100E-03
2.41500E-03	9.57600E-04
6.41000E-04	2.63700E-04
1.73500E-04	7.30000E-05
4.71900E-05	2.01400E-05
1.27500E-05	5.49100E-06
3.33200E-06	1.44400E-06
9.09500E-07	3.96800E-07
2.43900E-07	1.06800E-07
6.31700E-08	2.30300E-08
1.61600E-08	5.88000E-09
2.23900E-01	5.60600E-02
5.83400E-02	1.85600E-02
1.44300E-02	5.23600E-03
3.65800E-03	1.42800E-03
9.41200E-04	3.83800E-04
2.47700E-04	1.03600E-04
6.57700E-05	2.79900E-05
1.79800E-05	7.73100E-06
4.72000E-06	2.04300E-06
1.24900E-06	5.44600E-07
3.33700E-07	1.46100E-07
8.77000E-08	3.25800E-08
2.38700E-08	8.70000E-09

HLASKO $ SALIT. BULL INTERN ACAD POLONAISE 1935A, 189

MASS FRACTION	CONDUCTIVITY
1.50000E-01	5.92100E-01
2.00000E-01	7.16300E-01
2.50000E-01	7.93000E-01
3.00000E-01	8.23700E-01
3.50000E-01	8.12300E-01
4.00000E-01	7.68600E-01
4.50000E-01	7.03200E-01

VINAL $ CRAIG. J RESEARCH NATL BUR STANDARDS 13, 689 (1934)

MASS FRACTION	CONDUCTIVITY
5.00000E-02	2.24000E-01
1.00000E-01	4.28000E-01
1.50000E-01	5.97000E-01
2.00000E-01	7.19000E-01
2.50000E-01	7.96000E-01
3.00000E-01	8.23000E-01
3.50000E-01	8.10000E-01
4.00000E-01	7.63000E-01
4.50000E-01	6.95000E-01

5.00000E-01	6.15000E-01
5.50000E-01	5.24000E-01
6.00000E-01	4.28000E-01
6.50000E-01	3.36000E-01
7.00000E-01	2.53000E-01
7.50000E-01	1.82000E-01
8.00000E-01	1.37000E-01
8.50000E-01	1.23000E-01
9.00000E-01	1.32000E-01
9.50000E-01	1.31000E-01

ROUGHTON. J APPLIED CHEM (LONDON) 1, SUPPL ISSUE NO 2, S141 (1951)

MOLALITY

	TRANSFERENCE NUMBER
5.00000E-02	8.19000E-01
1.00000E-01	8.19000E-01
2.00000E-01	8.19000E-01
5.00000E-01	8.15000E-01
1.00000E+00	8.08000E-01
2.00000E+00	7.93000E-01
3.00000E+00	7.76000E-01
5.00000E+00	7.44000E-01
8.00000E+00	6.90000E-01
1.00000E+01	6.55000E-01
1.20000E+01	6.16000E-01
1.40000E+01	5.73000E-01
1.70000E+01	5.02000E-01

HAMER. JACS 57, 662 (1935)

CONCENTRATION

	TRANSFERENCE NUMBER
1.00000E-01	8.13200E-01
1.00000E-02	8.13200E-01

FERGUSON $ FRANCE. J AM CHEM SOC 43, 2150 (1921)

CONCENTRATION

	DIFFUSION COEFFICIENT
1.01200E-01	1.82500E-05
1.97800E-01	1.80000E-05
2.95600E-01	1.79500E-05
3.92700E-01	1.80900E-05
4.96800E-01	1.81800E-05
5.85200E-01	1.83500E-05
7.79000E-01	1.89500E-05
9.63700E-01	1.96400E-05
1.14760E+00	1.99300E-05
1.43300E+00	2.07500E-05
1.83080E+00	2.20900E-05
2.27900E+00	2.34200E-05
2.68240E+00	2.48400E-05
3.44770E+00	2.70500E-05
4.80460E+00	2.85500E-05

SAVINO $ VITAGLIANO. RIC SCI REND, SEZ A2, 341 (1962)

CONCENTRATION

	DIFFUSION COEFFICIENT
1.05500E-02	2.10000E-05
2.41500E-02	1.88000E-05

2.56500E-02	1.89000E-05
5.25500E-02	1.90000E-05
1.47500E-01	1.80000E-05
3.04500E-01	1.85000E-05
4.55500E-01	1.88000E-05
7.52000E-01	1.99000E-05
1.05400E+00	2.22000E-05
1.06400E+00	2.10000E-05

JAMES, HOLLINGSHEAD $ GORDON. J CHEM PHYS 7, 89 (1939)

CONCENTRATION	DIFFUSION COEFFICIENT
2.25000E-02	1.94000E-05
4.00000E-02	1.88000E-05
9.00000E-02	1.83500E-05
1.60000E-01	1.81000E-05
3.60000E-01	1.86000E-05
6.40000E-01	1.94000E-05
1.00000E+00	2.05000E-05

HOLLINGSHEAD $ GORDON. J CHEM PHYS 8, 423 (1940)

MOLALITY	GAMMA
1.00000E-01	2.65500E-01
2.00000E-01	2.09000E-01
3.00000E-01	1.82600E-01
5.00000E-01	1.55700E-01
7.00000E-01	1.41700E-01
1.00000E+00	1.31600E-01
1.50000E+00	1.26300E-01
2.00000E+00	1.27600E-01
2.50000E+00	1.33100E-01
3.00000E+00	1.42200E-01
3.50000E+00	1.54700E-01
4.00000E+00	1.70000E-01
4.50000E+00	1.87500E-01
5.00000E+00	2.08100E-01
5.50000E+00	2.31200E-01
6.00000E+00	2.56700E-01

ROBINSON $ STOKES. ELECTROLYTE SOLUTIONS, 2ND ED (REV) (1959)

MOLALITY	GAMMA
5.35500E-02	3.80000E-01
1.00000E-01	3.02000E-01
1.03500E-01	3.03000E-01
2.57900E-01	2.20000E-01
5.15400E-01	1.75000E-01
1.03600E+00	1.49000E-01
1.06500E+00	1.49000E-01
1.96400E+00	1.45000E-01
2.20600E+00	1.48000E-01
3.49900E+00	1.76000E-01

VOSBURGH $ CRAIG. J AM CHEM SOC 51, 2009 (1929)

MOLALITY	GAMMA
5.00000E-02	4.88000E-01

1.00000E-01	3.97000E-01
5.05000E-01	2.28000E-01
1.03100E+00	1.92000E-01
3.63700E+00	2.35000E-01
8.20400E+00	6.10000E-01

HARNED $ AKERLOF. PHYSIK Z 27, 411 (1926)

MOLALITY	GAMMA
1.00000E-03	8.37000E-01
2.00000E-03	7.67000E-01
5.00000E-03	6.46000E-01
1.00000E-02	5.43000E-01
2.00000E-02	4.44000E-01

SHRAWDER $ COWPERTHWAITE. J AM CHEM SOC 56, 2340 (1934)

MOLALITY	GAMMA
1.00000E-01	2.65500E-01
2.00000E-01	2.09000E-01
3.00000E-01	1.82600E-01
4.00000E-01	1.66600E-01
5.00000E-01	1.55700E-01
6.00000E-01	1.47700E-01
7.00000E-01	1.41700E-01
8.00000E-01	1.37400E-01
9.00000E-01	1.34200E-01
1.00000E+00	1.31600E-01
1.20000E+00	1.28300E-01
1.40000E+00	1.26600E-01
1.60000E+00	1.26000E-01
1.80000E+00	1.26400E-01
2.00000E+00	1.27600E-01
2.50000E+00	1.33100E-01
3.00000E+00	1.42200E-01
3.50000E+00	1.54700E-01
4.00000E+00	1.70000E-01
4.50000E+00	1.87500E-01
5.00000E+00	2.08100E-01
5.50000E+00	2.31200E-01
6.00000E+00	2.56700E-01
6.50000E+00	2.85200E-01
7.00000E+00	3.16600E-01
7.50000E+00	3.50000E-01
8.00000E+00	3.86000E-01
8.50000E+00	4.26000E-01
9.00000E+00	4.67000E-01
9.50000E+00	5.12000E-01
1.00000E+01	5.59000E-01
1.10000E+01	6.61000E-01
1.20000E+01	7.70000E-01
1.30000E+01	8.88000E-01
1.40000E+01	1.01700E+00
1.50000E+01	1.15400E+00
1.60000E+01	1.30000E+00
1.70000E+01	1.45000E+00
1.80000E+01	1.60800E+00
1.90000E+01	1.77100E+00
2.00000E+01	1.94000E+00
2.10000E+01	2.11400E+00

2.20000E+01	2.30000E+00

STOKES. TRANS FARADAY SOC 44, 295 (1948)

SULFURIC ACID IN WATER AT 35 DEGREES C

TEMP	MS	MO	NU	NU+	NU-	Z+	Z-
35.000	98.080	18.015	3.0	2.0	1.0	1.0	-2.0

CONCENTRATION	DIFFUSION COEFFICIENT
2.25000E-02	2.35000E-05
4.00000E-02	2.31000E-05
9.00000E-02	2.26000E-05
1.60000E-01	2.25000E-05
3.60000E-01	2.29000E-05
6.40000E-01	2.39000E-05

HOLLINGSHEAD $ GORDON. J CHEM PHYS 8, 423 (1940)

SULFURIC ACID IN WATER AT 50 DEGREES C

TEMP	MS	MO	NU	NU+	NU-	Z+	Z-
50.000	98.080	18.015	3.0	2.0	1.0	1.0	-2.0

MASS FRACTION	DENSITY
-0.	9.88070E-01
8.95000E-02	1.04490E+00
1.71100E-01	1.10020E+00
2.41500E-01	1.15190E+00
3.08500E-01	1.20490E+00
4.34500E-01	1.31110E+00
5.31200E-01	1.40210E+00
5.57400E-01	1.42950E+00
6.04500E-01	1.46860E+00
6.76500E-01	1.55660E+00
7.26200E-01	1.61380E+00
7.54100E-01	1.64610E+00
8.29500E-01	1.72730E+00
9.28000E-01	1.79730E+00
9.62000E-01	1.80650E+00

CAMPBELL, KARTZMARK, BISSET $ BEDNAS. CAN J CHEM 31, 303 (1953)

MASS FRACTION	VISCOSITY
-0.	5.46700E-01
8.95000E-02	5.80200E-01
1.71100E-01	7.82800E-01
2.41500E-01	9.35500E-01
3.08500E-01	1.12300E+00

4.34500E-01	1.67120E+00
5.31200E-01	2.34980E+00
5.57400E-01	2.64200E+00
6.04500E-01	3.07600E+00
6.76500E-01	4.46700E+00
7.26200E-01	5.89100E+00
7.54100E-01	6.86800E+00
8.29500E-01	9.54300E+00
9.28000E-01	9.69600E+00
9.62000E-01	9.95200E+00

CAMPBELL, KARTZMARK, BISSET $ BEDNAS. CAN J CHEM 31, 303 (1953)

MASS FRACTION

	CONDUCTIVITY
5.66000E-02	3.05800E-01
8.95000E-02	4.90100E-01
1.05300E-01	5.71400E-01
1.71100E-01	8.37700E-01
2.13800E-01	9.76700E-01
2.41500E-01	1.03380E+00
3.08500E-01	1.11170E+00
3.17600E-01	1.12340E+00
3.63000E-01	1.11330E+00
4.11200E-01	1.07250E+00
4.34500E-01	1.02580E+00
5.21500E-01	8.53200E-01
5.31200E-01	8.16900E-01
5.57400E-01	7.54100E-01
6.04500E-01	6.61600E-01
6.10400E-01	6.36400E-01
6.76500E-01	4.64200E-01
7.26200E-01	3.62000E-01
7.54100E-01	3.12500E-01
7.87000E-01	2.72900E-01
8.29500E-01	2.40300E-01
8.71300E-01	2.34700E-01
8.99900E-01	2.33000E-01
9.28000E-01	2.28500E-01
9.62000E-01	1.78200E-01

CAMPBELL, KARTZMARK, BISSET $ BEDNAS. CAN J CHEM 31, 303 (1953)

POTASSIUM BROMIDE IN WATER AT 0 DEGREES C

TEMP	MS	MO	NU	NU+	NU-	Z+	Z-
-0.	119.010	18.015	2.0	1.0	1.0	1.0	-1.0

CONCENTRATION

	DENSITY
-0.	9.99871E-01
2.50000E-04	9.99890E-01
5.00000E-04	9.99940E-01
1.00000E-03	9.99950E-01
2.00000E-03	1.00004E+00
5.00000E-03	1.00032E+00
1.00000E-02	1.00077E+00

2.00000E-02	1.00165E+00
5.00000E-02	1.00435E+00
1.00000E-01	1.00869E+00
2.00000E-01	1.01747E+00
5.00000E-01	1.04353E+00
1.00000E+00	1.08629E+00
2.00000E+00	1.17007E+00
2.98978E+00	1.25120E+00
3.75000E+00	1.31269E+00

JONES $ STAUFFER. JACS 62, 335 (1940)

CONCENTRATION	RELATIVE VISCOSITY
2.50000E-04	1.00007E+00
5.00000E-04	1.00005E+00
1.00000E-03	9.99920E-01
2.00000E-03	9.99850E-01
5.00000E-03	9.99500E-01
1.00000E-02	9.98960E-01
2.00000E-02	9.97600E-01
5.00000E-02	9.93300E-01
1.00000E-01	9.86350E-01
2.00000E-01	9.72840E-01
5.00000E-01	9.36490E-01
1.00000E+00	8.88660E-01
2.00000E+00	8.28820E-01
2.98978E+00	8.03630E-01
3.75000E+00	8.02340E-01

JONES $ STAUFFER. JACS 62, 335 (1940)

CONCENTRATION	MOLAR CONDUCTANCE
2.50000E-04	8.25700E+01
3.60000E-04	8.24300E+01
5.00000E-04	8.22600E+01
7.50000E-04	8.20400E+01
1.00000E-03	8.18700E+01
1.60000E-03	8.14800E+01
2.00000E-03	8.13200E+01
5.00000E-03	8.02000E+01
1.00000E-02	7.90600E+01
2.00000E-02	7.76100E+01
5.00000E-02	7.52500E+01
1.00000E-01	7.32300E+01
2.00000E-01	7.12200E+01
5.00000E-01	6.90800E+01
1.00000E+00	6.81500E+01
2.00000E+00	6.73900E+01
3.00000E+00	6.58500E+01
3.75000E+00	6.40100E+01

JONES $ BICKFORD. JACS 56, 602 (1934)

POTASSIUM BROMIDE IN WATER AT 15 DEGREES C

TEMP	MS	MO	NU	NU+	NU-	Z+	Z-

15.000	119.010	18.015	2.0	1.0	1.0	1.0	-1.0

CONCENTRATION

	EQUIVALENT CONDUCTANCE
-0.	1.22810E+02
5.00000E-04	1.21190E+02
1.00000E-03	1.20540E+02
2.00000E-03	1.19660E+02
5.00000E-03	1.18000E+02
1.00000E-02	1.16280E+02

BENSON $ GORDON. J CHEM PHYS 13, 473 (1945)

POTASSIUM BROMIDE IN WATER AT 25 DEGREES C

TEMP	MS	MO	NU	NU+	NU-	Z+	Z-
25.000	119.010	18.015	2.0	1.0	1.0	1.0	-1.0

MOLALITY

	DENSITY
1.10400E-01	1.00640E+00
5.29400E-01	1.04060E+00
9.67800E-01	1.07500E+00
1.50950E+00	1.11560E+00
2.49720E+00	1.18520E+00
3.00130E+00	1.21870E+00
3.58010E+00	1.25530E+00
4.53540E+00	1.31310E+00

LENGYEL, TAMAS, GIBER $ HOLDERITH. MAGY KEM FOLY 70, 66 (1964)

CONCENTRATION

	RELATIVE DENSITY
1.00000E-03	1.00009E+00
2.00000E-03	1.00016E+00
5.00000E-03	1.00042E+00
1.00050E-02	1.00084E+00
2.00010E-02	1.00170E+00
5.00010E-02	1.00426E+00
9.98990E-02	1.00849E+00
1.99882E-01	1.01696E+00
4.99927E-01	1.04219E+00
9.59172E-01	1.08045E+00
9.98357E-01	1.08372E+00
1.99983E+00	1.16603E+00
2.00309E+00	1.16617E+00
3.03093E+00	1.24959E+00
3.74927E+00	1.30726E+00

JONES $ TALLEY. JACS 55, 4124 (1933)

CONCENTRATION

	RELATIVE VISCOSITY
1.00000E-03	1.00010E+00
2.00000E-03	1.00010E+00
5.00000E-03	1.00009E+00

1.00050E-02	9.99980E-01
2.00010E-02	9.99720E-01
5.00010E-02	9.98740E-01
9.98990E-02	9.96780E-01
1.99882E-01	9.92870E-01
4.99927E-01	9.81800E-01
9.59172E-01	9.68850E-01
9.98357E-01	9.67980E-01
1.99983E+00	9.57560E-01
2.00309E+00	9.57440E-01
3.03093E+00	9.69530E-01
3.74927E+00	9.91770E-01

JONES $ TALLEY. JACS 55, 4124 (1933)

MOLALITY

	VISCOSITY
1.10400E-01	8.85300E-01
5.29400E-01	8.75200E-01
9.67800E-01	8.64700E-01
1.50950E+00	8.58300E-01
2.49720E+00	8.56100E-01
3.00130E+00	8.60700E-01
3.58010E+00	8.69300E-01
4.53540E+00	8.93200E-01

LENGYEL, TAMAS, GIBER $ HOLDERITH. MAGY KEM FOLY 70, 66 (1964)

MOLALITY

	CONDUCTIVITY
5.00000E-02	6.88000E-03
1.00000E-01	1.30100E-02
2.50000E-01	3.07000E-02
5.00000E-01	5.85000E-02
1.00000E+00	1.11700E-01

KONDRATEV $ GORBACHEV. ZH FIZ KHIM 39, 2993 (1965)

CONCENTRATION

	MOLAR CONDUCTANCE
2.50000E-04	1.50160E+02
3.60000E-04	1.49870E+02
5.00000E-04	1.49550E+02
7.50000E-04	1.49120E+02
1.00000E-03	1.48780E+02
1.60000E-03	1.48020E+02
2.00000E-03	1.47640E+02
5.00000E-03	1.45470E+02
1.00000E-02	1.43150E+02
2.00000E-02	1.40260E+02
5.00000E-02	1.35440E+02
1.00000E-01	1.31190E+02
2.00000E-01	1.26590E+02
5.00000E-01	1.20350E+02
1.00000E+00	1.15460E+02
2.00000E+00	1.09370E+02
3.00000E+00	1.03550E+02
3.75000E+00	9.87000E+01

JONES $ BICKFORD. JACS 56, 602 (1934)

CONCENTRATION

EQUIVALENT CONDUCTANCE

-0.	1.51640E+02
5.00000E-04	1.49570E+02
1.00000E-03	1.48750E+02
2.00000E-03	1.47610E+02
5.00000E-03	1.45460E+02
1.00000E-02	1.43200E+02

BENSON $ GORDON. J CHEM PHYS 13, 473 (1945)

NORMALITY

TRANSFERENCE NUMBER

1.00000E-02	4.94300E-01
2.00000E-02	4.93300E-01
5.00000E-02	4.93300E-01
1.00000E-01	4.92300E-01
2.00000E-01	4.91300E-01
5.00000E-01	4.87300E-01
1.00000E+00	4.86300E-01
1.50000E+00	4.85300E-01
2.00000E+00	4.85300E-01
3.00000E+00	4.84300E-01

KAIMAKOV $ VERSHAVSKAYA. USP KHIM 35, 201 (1966)

CONCENTRATION

TRANSFERENCE NUMBER

1.00000E-01	4.83400E-01

MACINNES $ LONGSWORTH. CHEM REV 11, 171 (1932)

CONCENTRATION

TRANSFERENCE NUMBER

1.00000E-02	4.83300E-01
2.00000E-02	4.83200E-01
5.00000E-02	4.83100E-01
1.00000E-01	4.83300E-01
2.00000E-01	4.84100E-01

LONGSWORTH. JACS 57, 1185 (1935)

CONCENTRATION

TRANSFERENCE NUMBER

1.00000E-01	4.85000E-01

MACINNES $ SMITH. JACS 45, 2246 (1923)

CONCENTRATION

DIFFUSION COEFFICIENT

0.	2.01800E-05
5.00000E-02	1.89200E-05
1.00000E-01	1.87400E-05
2.00000E-01	1.87000E-05
3.00000E-01	1.87200E-05
5.00000E-01	1.88500E-05
7.00000E-01	1.91700E-05
1.00000E+00	1.97500E-05
1.50000E+00	2.06200E-05
2.00000E+00	2.13200E-05
2.50000E+00	2.19900E-05
3.00000E+00	2.28000E-05
3.50000E+00	2.35400E-05

4.00000E+00	2.43400E-05

STOKES. JACS 72, 2243 (1950)

MOLALITY	GAMMA
1.00000E-01	7.72000E-01
2.00000E-01	7.22000E-01
3.00000E-01	6.93000E-01
4.00000E-01	6.73000E-01
5.00000E-01	6.57000E-01
6.00000E-01	6.46000E-01
7.00000E-01	6.36000E-01
8.00000E-01	6.29000E-01
9.00000E-01	6.22000E-01
1.00000E+00	6.17000E-01
1.20000E+00	6.08000E-01
1.40000E+00	6.02000E-01
1.60000E+00	5.98000E-01
1.80000E+00	5.95000E-01
2.00000E+00	5.93000E-01
2.50000E+00	5.93000E-01
3.00000E+00	5.95000E-01
3.50000E+00	6.00000E-01
4.00000E+00	6.08000E-01
4.50000E+00	6.16000E-01
5.00000E+00	6.26000E-01
5.50000E+00	6.36000E-01

ROBINSON $ STOKES. ELECTROLYTE SOLUTIONS, 2ND ED (REV) (1959)

POTASSIUM BROMIDE IN WATER AT 35 DEGREES C

TEMP	MS	MO	NU	NU+	NU-	Z+	Z-
35.000	119.010	18.015	2.0	1.0	1.0	1.0	-1.0

CONCENTRATION	EQUIVALENT CONDUCTANCE
-0.	1.82240E+02
5.00000E-04	1.79680E+02
1.00000E-03	1.78660E+02
2.00000E-03	1.77260E+02
5.00000E-03	1.74620E+02
1.00000E-02	1.71860E+02

BENSON $ GORDON. J CHEM PHYS 13, 473 (1945)

POTASSIUM BROMIDE IN WATER AT 45 DEGREES C

TEMP	MS	MO	NU	NU+	NU-	Z+	Z-
45.000	119.010	18.015	2.0	1.0	1.0	1.0	-1.0

CONCENTRATION	EQUIVALENT CONDUCTANCE
-0.	2.14170E+02
5.00000E-04	2.11060E+02
1.00000E-03	2.09830E+02
2.00000E-03	2.08120E+02
5.00000E-03	2.04900E+02
1.00000E-02	2.01520E+02

BENSON $ GORDON. J CHEM PHYS 13, 473 (1945)

POTASSIUM BROMATE IN WATER AT 25 DEGREES C

TEMP	MS	MO	NU	NU+	NU-	Z+	Z-
25.000	167.010	18.015	2.0	1.0	1.0	1.0	-1.0

CONCENTRATION	DENSITY
2.00100E-03	9.97315E-01
5.00000E-03	9.97698E-01
1.00000E-02	9.98294E-01
2.00000E-02	9.99519E-01
5.29940E-02	1.00356E+00
9.99990E-02	1.00928E+00

JONES $ TALLEY. JACS 55, 624 (1933)

CONCENTRATION	RELATIVE VISCOSITY
2.00100E-03	1.00026E+00
5.00000E-03	1.00045E+00
1.00000E-02	1.00059E+00
2.00000E-02	1.00077E+00
5.29940E-02	1.00125E+00
9.99990E-02	1.00176E+00

JONES $ TALLEY. JACS 55, 624 (1933)

CONCENTRATION	EQUIVALENT CONDUCTANCE
-0.	1.29280E+02
4.63480E-05	1.28760E+02
1.31360E-04	1.28240E+02
2.68640E-04	1.27760E+02
4.89840E-04	1.27210E+02
8.49010E-04	1.26560E+02
1.15210E-04	1.28350E+02
5.20330E-04	1.27190E+02
9.40950E-04	1.26450E+02

DAGGETT, BAIR $ KRAUS. JACS 73, 799 (1951)

POTASSIUM FORMATE IN WATER AT 50.5 DEGREES C

TEMP	MS	MO	NU	NU+	NU-	Z+	Z-
50.500	84.120	18.015	2.0	1.0	1.0	1.0	-1.0

CONCENTRATION

	DENSITY
-0.	9.87800E-01
3.96700E+00	1.16000E+00
5.64300E+00	1.23200E+00
9.45200E+00	1.39200E+00

RICE $ KRAUS. PROC NAT ACAD SCI 39, 802 (1953)

CONCENTRATION

	VISCOSITY
-0.	5.44900E-01
1.51600E+00	6.24500E-01
3.12500E+00	7.29600E-01
4.19900E+00	8.27700E-01
6.09000E+00	1.02800E+00
8.22400E+00	1.46300E+00
1.03800E+01	2.21600E+00
1.22600E+01	3.40300E+00
1.39500E+01	5.17300E+00
1.56400E+01	8.22300E+00

RICE $ KRAUS. PROC NAT ACAD SCI 39, 802 (1953)

CONCENTRATION

	MOLAR CONDUCTANCE
1.03800E-02	1.79800E+02
1.97300E-02	1.76600E+02
7.47100E-02	1.68700E+02
1.54300E-01	1.61600E+02
2.72200E-01	1.54200E+02
5.99900E-01	1.42200E+02
1.32500E+00	1.26400E+02
2.40400E+00	1.10400E+02
3.49200E+00	9.61700E+01
6.50300E+00	6.30300E+01
8.60200E+00	4.42400E+01
1.04500E+01	3.08200E+01
1.36600E+01	1.46500E+01
1.55200E+01	9.78000E+00

RICE $ KRAUS. PROC NAT ACAD SCI 39, 802 (1953)

POTASSIUM ACETATE IN WATER AT 25 DEGREES C

TEMP	MS	MO	NU	NU+	NU-	Z+	Z-
25.000	98.150	18.015	2.0	1.0	1.0	1.0	-1.0

CONCENTRATION

	RELATIVE DENSITY
3.01000E-02	1.00156E+00
6.22000E-02	1.00301E+00

9.29000E-02	1.00450E+00
1.43900E-01	1.00692E+00
2.67800E-01	1.01283E+00
4.30700E-01	1.02056E+00
6.29100E-01	1.02981E+00
8.48100E-01	1.03998E+00
1.14670E+00	1.05349E+00

DRUCKER. ARKIV KEMI MIN GEOL 22A, NO. 21, 17 PP (1946)

CONCENTRATION

	RELATIVE VISCOSITY
3.01000E-02	1.00760E+00
6.22000E-02	1.01500E+00
9.29000E-02	1.02200E+00
1.43900E-01	1.03370E+00
2.67800E-01	1.06170E+00
4.30700E-01	1.09960E+00
6.29100E-01	1.14800E+00
8.48100E-01	1.20360E+00
1.14670E+00	1.28350E+00

DRUCKER. ARKIV KEMI MIN GEOL 22A, NO. 21, 17 PP (1946)

POTASSIUM CHLORIDE IN WATER AT 0 DEGREES C

TEMP	MS	MO	NU	NU+	NU-	Z+	Z-
0.	74.560	18.015	2.0	1.0	1.0	1.0	-1.0

NORMALITY

	DENSITY
1.00000E+00	1.04800E+00
2.00000E+00	1.09350E+00
3.00000E+00	1.13710E+00

TIMMERMANS. PHYSICO-CHEMICAL CONSTANTS OF BINARY SYSTEMS, 1960

MASS FRACTION

	DENSITY
7.50000E-03	1.00500E+00
3.62000E-02	1.02270E+00
7.15000E-02	1.04760E+00
1.96300E-01	1.13820E+00
4.49680E-02	1.03070E+00
7.54400E-02	1.05200E+00
1.10757E-01	1.07680E+00
1.44707E-01	1.10170E+00
1.77214E-01	1.12570E+00
2.07840E-01	1.14880E+00

TIMMERMANS. PHYSICO-CHEMICAL CONSTANTS OF BINARY SYSTEMS, 1960

MASS FRACTION

	DENSITY
2.16700E-01	1.18214E+00
1.54400E-01	1.10664E+00
1.15500E-01	1.07902E+00

6.57000E-02	1.04433E+00
4.93000E-02	1.03264E+00
2.00000E-02	1.01340E+00
1.23000E-02	1.00832E+00

TIMMERMANS. PHYSICO-CHEMICAL CONSTANTS OF BINARY SYSTEMS, 1960

NORMALITY

	DENSITY
4.50000E-01	1.00053E+00
6.50000E-01	1.00917E+00
8.50000E-01	1.01804E+00
9.00000E-01	1.03974E+00
1.30000E+00	1.06051E+00
1.70000E+00	1.07712E+00
2.10000E+00	1.09783E+00
2.59450E+00	1.12102E+00

TIMMERMANS. PHYSICO-CHEMICAL CONSTANTS OF BINARY SYSTEMS, 1960

MASS FRACTION

	VISCOSITY
6.73000E-02	1.65530E+00
1.30200E-01	1.60990E+00
1.81500E-01	1.56990E+00

TIMMERMANS. PHYSICO-CHEMICAL CONSTANTS OF BINARY SYSTEMS, 1960

CONCENTRATION

	RELATIVE VISCOSITY
1.00000E+00	9.31000E-01
2.00000E+00	8.86000E-01
3.00000E+00	8.80000E-01

TIMMERMANS. PHYSICO-CHEMICAL CONSTANTS OF BINARY SYSTEMS, 1960

CONCENTRATION

	CONDUCTIVITY
1.00330E+00	6.54300E-02
1.00210E-01	7.15430E-03

LANDOLT-BORNSTEIN. VOL 2, PART 7 (1960)

CONCENTRATION

	MOLAR CONDUCTANCE
5.00000E-04	8.08000E+01
1.00000E-03	8.03000E+01
2.00000E-03	7.97000E+01
5.00000E-03	7.85000E+01
1.00000E-02	7.74000E+01
2.00000E-02	7.59000E+01
5.00000E-02	7.39000E+01
1.00000E-01	7.15000E+01
2.00000E-01	6.91000E+01
5.00000E-01	6.66000E+01

LANDOLT-BORNSTEIN. VOL 2, PART 7 (1960)

CONCENTRATION

	MOLAR CONDUCTANCE
2.02101E-03	7.96040E+01
4.04240E-03	7.87680E+01

7.21250E-03	7.79130E+01
9.60342E-03	7.74480E+01

BREMNER, THOMPSON $ UTTERBACK. J AM CHEM SOC 61, 1219 (1939)

CONCENTRATION

	TRANSFERENCE NUMBER
1.22350E-02	4.96200E-01
2.00380E-02	4.94300E-01
3.08460E-02	4.95300E-01
4.12810E-02	4.95700E-01
5.17190E-02	4.95700E-01

STEEL. J PHYS CHEM 69, 3208 (1965)

MOLALITY

	TRANSFERENCE NUMBER
1.00000E-02	4.90000E-01
5.00000E-02	4.89000E-01
1.00000E-01	4.88000E-01
2.00000E-01	4.88000E-01
3.00000E-01	4.88000E-01
5.00000E-01	4.87000E-01
1.00000E+00	4.87000E-01
1.50000E+00	4.86000E-01
2.00000E+00	4.86000E-01
2.50000E+00	4.86000E-01
3.00000E+00	4.86000E-01
3.50000E+00	4.86000E-01

VITAGLIANO $ CARAMAZZA. GAZZ CHIM ITAL 90, 1730 (1960)

CONCENTRATION

	DIFFUSION COEFFICIENT
9.96000E-02	9.24000E-06
1.98800E-01	9.20000E-06
2.94600E-01	9.21000E-06
3.95600E-01	9.24000E-06
4.95300E-01	9.28000E-06
5.90500E-01	9.33000E-06
9.74100E-01	9.60000E-06
1.44120E+00	9.98000E-06
1.89510E+00	1.03400E-05
2.33490E+00	1.07400E-05
2.76310E+00	1.10900E-05

VITAGLIANO $ CARAMAZZA. GAZZ CHIM ITAL 90, 1730 (1960)

CONCENTRATION

	1.0 + DLOG(Y)/DLOG(C)
0.	1.00000E+00
9.96000E-02	9.05500E-01
1.98800E-01	8.91800E-01
2.94600E-01	8.86200E-01
3.95600E-01	8.83700E-01
4.95300E-01	8.83300E-01
5.90500E-01	8.84100E-01
9.74100E-01	8.95500E-01
1.44120E+00	9.21800E-01
1.89510E+00	9.58100E-01
2.33490E+00	1.00360E+00
2.76310E+00	1.05610E+00

VITAGLIANO $ CARAMAZZA. GAZZ CHIM ITAL 90, 1730 (1960)

MOLALITY

	GAMMA
5.00000E-02	8.21000E-01
1.00000E-01	7.70000E-01
2.00000E-01	7.17000E-01
3.00000E-01	6.85000E-01
5.00000E-01	6.44000E-01
1.00000E+00	5.89000E-01
1.50000E+00	5.63000E-01
2.00000E+00	5.49000E-01
2.50000E+00	5.42000E-01
3.00000E+00	5.40000E-01
3.50000E+00	5.41000E-01

CARAMAZZA. GAZ CHIM ITAL 90, 1721 (1960)

POTASSIUM CHLORIDE IN WATER AT 4 DEGREES C

TEMP	MS	MO	NU	NU+	NU-	Z+	Z-
4.000	74.560	18.015	2.0	1.0	1.0	1.0	-1.0

CONCENTRATION

	DIFFUSION COEFFICIENT
1.66000E-02	1.08000E-05
1.68000E-01	1.03800E-05
3.07000E-01	1.03600E-05
3.79000E-01	1.03700E-05
5.58000E-01	1.04200E-05

HARNED $ BLAKE. JACS 72, 2265 (1950)

POTASSIUM CHLORIDE IN WATER AT 5 DEGREES C

TEMP	MS	MO	NU	NU+	NU-	Z+	Z-
5.000	74.560	18.015	2.0	1.0	1.0	1.0	-1.0

CONCENTRATION

	MOLAR CONDUCTANCE
8.70000E-04	9.26400E+01
2.13740E-03	9.17300E+01
4.06940E-03	9.08400E+01
7.33320E-03	8.97900E+01
1.14479E-02	8.88200E+01
1.45221E-02	8.82500E+01
1.99284E-02	8.74100E+01
2.73940E-02	8.65000E+01
1.36330E-03	9.22300E+01
2.79620E-03	9.13900E+01
4.85990E-03	9.05400E+01

6.91140E-03	8.99100E+01
1.10372E-02	8.89000E+01
1.46232E-02	8.82300E+01
1.92367E-02	8.75100E+01

OWEN $ ZELDES. J CHEM PHYS 18, 1083 (1950)

POTASSIUM CHLORIDE IN WATER AT 10 DEGREES C

TEMP	MS	MO	NU	NU+	NU-	Z+	Z-
10.000	74.560	18.015	2.0	1.0	1.0	1.0	-1.0

MOLALITY

	DENSITY
5.04100E-01	1.02350E+00
9.91000E-01	1.04510E+00
2.04760E+00	1.08840E+00
2.49680E+00	1.10560E+00
3.00130E+00	1.12410E+00
3.53270E+00	1.14290E+00
3.96180E+00	1.15750E+00

LENGYEL, TAMAS, GIBER $ HOLDERITH. MAGY KEM FOLY 70, 66 (1964)

MOLALITY

	VISCOSITY
5.04100E-01	1.27510E+00
9.91000E-01	1.25510E+00
2.04760E+00	1.23370E+00
2.49680E+00	1.23260E+00
3.00130E+00	1.23400E+00
3.53270E+00	1.24110E+00
3.96180E+00	1.25170E+00

LENGYEL, TAMAS, GIBER $ HOLDERITH. MAGY KEM FOLY 70, 66 (1964)

G/100 G OF SOLVENT

	RELATIVE VISCOSITY
2.93000E+00	9.84000E-01
5.90200E+00	9.70000E-01
8.91700E+00	9.59000E-01
1.19750E+01	9.52000E-01
1.50800E+01	9.49000E-01
1.82300E+01	9.48000E-01
2.14200E+01	9.50000E-01
2.46600E+01	9.56000E-01
2.79500E+01	9.65000E-01
3.12960E+01	9.75000E-01

TANAKA. NIPPON KAGAKU ZASSHI 82, 147 (1961)

POTASSIUM CHLORIDE IN WATER AT 15 DEGREES C

TEMP	MS	MO	NU	NU+	NU-	Z+	Z-
15.000	74.560	18.015	2.0	1.0	1.0	1.0	-1.0

CONCENTRATION

	RELATIVE DENSITY
1.00000E-03	1.00005E+00
2.50000E-03	1.00012E+00
5.00000E-03	1.00025E+00
1.00000E-02	1.00049E+00
2.00100E-02	1.00098E+00
4.00300E-02	1.00196E+00
5.00500E-02	1.00245E+00
1.00090E-01	1.00487E+00
2.00190E-01	1.00966E+00
5.00520E-01	1.02378E+00

KAMINSKY. Z PHYSIK CHEM NF 12, 206 (1957)

CONCENTRATION

	RELATIVE VISCOSITY
1.00000E-03	1.00011E+00
2.50000E-03	1.00014E+00
5.00000E-03	1.00015E+00
1.00000E-02	1.00011E+00
2.00100E-02	9.99900E-01
4.00300E-02	9.99410E-01
5.00500E-02	9.99160E-01
1.00090E-01	9.97630E-01
2.00190E-01	9.94370E-01
5.00520E-01	9.84220E-01

KAMINSKY. Z PHYSIK CHEM NF 12, 206 (1957)

G/100 G OF SOLVENT

	RELATIVE VISCOSITY
3.06500E+00	9.82000E-01
6.17500E+00	9.73000E-01
9.33200E+00	9.68000E-01
1.25370E+01	9.67000E-01
1.57900E+01	9.68000E-01
1.90940E+01	9.71000E-01
2.24490E+01	9.76000E-01
2.58560E+01	9.83000E-01
2.93200E+01	9.92000E-01
3.28300E+01	1.00700E+00

TANAKA. NIPPON KAGAKU ZASSHI 82, 147 (1961)

CONCENTRATION

	MOLAR CONDUCTANCE
2.23120E-03	1.17430E+02
3.07370E-03	1.17090E+02
5.71830E-03	1.15820E+02
6.27280E-03	1.15700E+02
9.99250E-03	1.14290E+02
1.16570E-02	1.13830E+02
1.26960E-02	1.13640E+02
2.36930E-02	1.11250E+02
4.74860E-02	1.08360E+02
5.04810E-02	1.08090E+02
9.91950E-02	1.04790E+02

9.92090E-02	1.04730E+02

LANDOLT-BORNSTEIN. VOL 2, PART 7 (1960)

CONCENTRATION	MOLAR CONDUCTANCE
5.12350E-04	1.19410E+02
9.85760E-04	1.18740E+02
2.18350E-03	1.17650E+02
3.27580E-03	1.16970E+02
4.88980E-03	1.16110E+02
7.19380E-03	1.15190E+02
9.71480E-03	1.14400E+02
0.	1.21090E+02
5.00000E-04	1.19420E+02
1.00000E-03	1.18740E+02
2.00000E-03	1.17800E+02
5.00000E-03	1.16060E+02
1.00000E-02	1.14330E+02

GUNNING $ GORDON. J CHEM PHYS 10, 126 (1942)

CONCENTRATION	MOLAR CONDUCTANCE
0.	1.21070E+02
5.00000E-04	1.19400E+02
1.00000E-03	1.18720E+02
2.00000E-03	1.17780E+02
5.00000E-03	1.16040E+02
1.00000E-02	1.14310E+02

BENSON $ GORDON. J CHEM PHYS 13, 473 (1945)

CONCENTRATION	TRANSFERENCE NUMBER
5.00000E-03	4.92600E-01
1.00000E-02	4.92500E-01
2.00000E-02	4.92400E-01
5.00000E-02	4.92300E-01
1.00000E-01	4.92100E-01

ALLGOOD, LEROY $ GORDON. J CHEM PHYS 8, 418 (1940)

MOLALITY	DIFFUSION COEFFICIENT
1.00000E+00	1.48300E-05
2.00000E+00	1.57200E-05
3.00000E+00	1.66300E-05
4.00000E+00	1.74300E-05

LONGSWORTH. J PHYS CHEM 61, 1557 (1957)

POTASSIUM CHLORIDE IN WATER AT 18 DEGREES C

TEMP	MS	MO	NU	NU+	NU-	Z+	Z-
18.000	74.560	18.015	2.0	1.0	1.0	1.0	-1.0

MASS FRACTION

	DENSITY
0.	9.98630E-01
9.47000E-02	1.06030E+00
1.82700E-01	1.12120E+00
2.33200E-01	1.15850E+00

TIMMERMANS. PHYSICO-CHEMICAL CONSTANTS OF BINARY SYSTEMS, 1960

MASS FRACTION

	DENSITY
7.50500E-02	1.04820E+00
1.19580E-01	1.07810E+00
1.70980E-01	1.11380E+00

TIMMERMANS. PHYSICO-CHEMICAL CONSTANTS OF BINARY SYSTEMS, 1960

MASS FRACTION

	DENSITY
2.29000E-02	1.01350E+00
5.84300E-02	1.03700E+00
8.71700E-02	1.05600E+00
1.24810E-01	1.08130E+00
1.85210E-01	1.12380E+00
4.96000E-02	1.01990E+00
9.44000E-02	1.05840E+00
1.36800E-01	1.09700E+00
1.76100E-01	1.13550E+00
2.17700E-01	1.14840E+00
2.57900E-01	1.16140E+00

TIMMERMANS. PHYSICO-CHEMICAL CONSTANTS OF BINARY SYSTEMS, 1960

MASS FRACTION

	DENSITY
2.10000E-01	1.14094E+00
2.00000E-01	1.13375E+00
1.90000E-01	1.12651E+00
1.80000E-01	1.11935E+00
1.70000E-01	1.11228E+00
1.50095E-01	1.09820E+00
1.29993E-01	1.08434E+00
1.20010E-01	1.07753E+00
1.14589E-01	1.07387E+00
1.00001E-01	1.06407E+00
9.00260E-02	1.05732E+00
7.13830E-02	1.04492E+00
5.99980E-02	1.03745E+00
4.00016E-02	1.02437E+00
3.00030E-02	1.01794E+00
2.00000E-02	1.01148E+00
1.00005E-02	1.00507E+00
0.	9.98660E-01

TIMMERMANS. PHYSICO-CHEMICAL CONSTANTS OF BINARY SYSTEMS, 1960

NORMALITY

	DENSITY
0.	9.98600E-01
1.00000E-01	1.00340E+00
2.00000E-01	1.00813E+00
5.00000E-01	1.02217E+00

1.00000E+00	1.04480E+00
2.00000E+00	1.08870E+00
3.00000E+00	1.13160E+00

TIMMERMANS. PHYSICO-CHEMICAL CONSTANTS OF BINARY SYSTEMS, 1960

MASS FRACTION

	DENSITY
0.	9.98700E-01
8.71000E-03	1.00430E+00
2.48000E-02	1.01460E+00
4.88000E-02	1.03000E+00
7.51000E-02	1.04810E+00
9.82000E-02	1.06310E+00
1.50300E-01	1.09830E+00
1.99400E-01	1.13340E+00
2.55200E-01	1.17470E+00

TIMMERMANS. PHYSICO-CHEMICAL CONSTANTS OF BINARY SYSTEMS, 1960

CONCENTRATION

	DENSITY
1.00000E-01	1.00341E+00
2.00000E-01	1.00814E+00
5.00000E-01	1.02215E+00
1.00000E+00	1.04490E+00

GRUNEISEN. WISS ABH PHYSIK-TECHN REICH 4, 237 (1905)

MASS FRACTION

	DENSITY
5.00000E-02	1.03090E+00
1.00000E-01	1.06390E+00
1.50000E-01	1.09780E+00
2.10000E-01	1.14100E+00
5.00000E-02	1.03080E+00
1.00000E-01	1.06380E+00
1.50000E-01	1.09780E+00
2.00000E-01	1.13350E+00
2.50000E-01	1.14080E+00

TIMMERMANS. PHYSICO-CHEMICAL CONSTANTS OF BINARY SYSTEMS, 1960

MASS FRACTION

	VISCOSITY
2.10000E-01	1.05670E+00
1.80047E-01	1.04700E+00
1.50095E-01	1.03970E+00
1.29993E-01	1.03330E+00
1.20010E-01	1.03480E+00
1.14589E-01	1.03280E+00
1.00001E-01	1.03360E+00
9.00260E-02	1.03570E+00
5.99980E-02	1.03930E+00
4.00016E-02	1.04190E+00
3.00030E-02	1.04450E+00
2.00000E-02	1.04650E+00
1.00005E-02	1.05040E+00
-0.	1.05140E+00

TIMMERMANS. PHYSICO-CHEMICAL CONSTANTS OF BINARY SYSTEMS, 1960

G/100 G OF SOLVENT

	RELATIVE VISCOSITY
3.15000E+00	9.91000E-01
6.34500E+00	9.83000E-01
9.59200E+00	9.80000E-01
1.28880E+01	9.81000E-01
1.62370E+01	9.84000E-01
1.96380E+01	9.89000E-01
2.30940E+01	9.96000E-01
2.66050E+01	1.00500E+00
3.01730E+01	1.01800E+00
3.38000E+01	1.03500E+00

TANAKA. NIPPON KAGAKU ZASSHI 82, 147 (1961)

MOLALITY

	VISCOSITY
9.54000E-01	1.04500E+00
2.00000E+00	1.04400E+00
2.99600E+00	1.05200E+00
3.99400E+00	1.07500E+00

JACOPETTI. GAZZ CHIM ITAL 70, 95 (1940)

CONCENTRATION

	RELATIVE VISCOSITY
1.00000E-01	9.98230E-01
2.00000E-01	9.95940E-01
5.00000E-01	9.89750E-01
1.00000E+00	9.82000E-01

GRUNEISEN. WISS ABH PHYSIK-TECHN REICH 4, 237 (1905)

CONCENTRATION

	RELATIVE VISCOSITY
1.46100E+00	9.88000E-01
3.42400E+00	1.01400E+00

GRUNEISEN. WISS ABH PHYSIK-TECHN REICH 4, 237 (1905)

CONCENTRATION

	MOLAR CONDUCTANCE
1.00000E-05	1.29573E+02
2.00000E-05	1.29511E+02
3.00000E-05	1.29446E+02
4.00000E-05	1.29384E+02
5.00000E-05	1.29320E+02
6.00000E-05	1.29258E+02
7.00000E-05	1.29197E+02
8.00000E-05	1.29138E+02
9.00000E-05	1.29081E+02
1.00000E-04	1.29029E+02
2.00000E-04	1.28676E+02
3.00000E-04	1.28451E+02
4.00000E-04	1.28244E+02
5.00000E-04	1.28048E+02
6.00000E-04	1.27869E+02
7.00000E-04	1.27710E+02
8.00000E-04	1.27551E+02
9.00000E-04	1.27400E+02
1.00000E-03	1.27258E+02
6.91000E-01	9.99000E+01

1.42700E+00	9.52000E+01
2.20800E+00	9.15000E+01
3.03900E+00	8.89000E+01
3.21300E+00	8.75000E+01

LANDOLT-BORNSTEIN. VOL 2, PART 7 (1960)

MOLALITY

	CONDUCTIVITY
9.54000E-01	9.15000E-02
2.00000E+00	1.76000E-01
2.99600E+00	2.45500E-01
3.99400E+00	3.04800E-01

JACOPETTI. GAZZ CHIM ITAL 70, 95 (1940)

MOLALITY

	TRANSFERENCE NUMBER
1.00000E-02	4.88000E-01
5.00000E-02	4.87000E-01
1.00000E-01	4.87000E-01
2.00000E-01	4.87000E-01
3.00000E-01	4.86000E-01
5.00000E-01	4.86000E-01
1.00000E+00	4.86000E-01
1.50000E+00	4.86000E-01
2.00000E+00	4.85000E-01
2.50000E+00	4.85000E-01
3.00000E+00	4.85000E-01
3.50000E+00	4.85000E-01
4.00000E+00	4.85000E-01

VITAGLIANO $ CARAMAZZA. GAZZ CHIM ITAL 90, 1730 (1960)

CONCENTRATION

	DIFFUSION COEFFICIENT
6.38000E-02	1.56900E-05
9.95000E-02	1.56000E-05
1.49000E-01	1.55200E-05
2.03400E-01	1.55000E-05
2.96900E-01	1.55100E-05
3.94800E-01	1.55200E-05
5.88900E-01	1.56400E-05
7.80000E-01	1.58000E-05
9.32600E-01	1.59300E-05
1.13380E+00	1.61200E-05
1.43260E+00	1.64000E-05
1.88640E+00	1.68500E-05
2.32420E+00	1.73000E-05
2.74890E+00	1.77800E-05
3.16020E+00	1.82200E-05
3.34810E+00	1.84300E-05

VITAGLIANO $ CARAMAZZA. GAZZ CHIM ITAL 90, 1730 (1960)

CONCENTRATION

	1.0 + DLOG(Y)/DLOG(C)
0.	1.00000E+00
6.38000E-02	9.16000E-01
9.95000E-02	9.07100E-01
1.49000E-01	9.00500E-01
2.03400E-01	8.96700E-01

2.96900E-01	8.94500E-01
3.94800E-01	8.95200E-01
5.88900E-01	9.00800E-01
7.80000E-01	9.09200E-01
9.32600E-01	9.17100E-01
1.13380E+00	9.28800E-01
1.43260E+00	9.48300E-01
1.88640E+00	9.82100E-01
2.32420E+00	1.01890E+00
2.74890E+00	1.05830E+00
3.16020E+00	1.10000E+00
3.34810E+00	1.12000E+00

VITAGLIANO $ CARAMAZZA. GAZZ CHIM ITAL 90, 1730 (1960)

MOLALITY

	GAMMA
5.00000E-02	8.15000E-01
1.00000E-01	7.68000E-01
2.00000E-01	7.17000E-01
3.00000E-01	6.86000E-01
5.00000E-01	6.49000E-01
1.00000E+00	6.02000E-01
1.50000E+00	5.79000E-01
2.00000E+00	5.70000E-01
2.50000E+00	5.65000E-01
3.00000E+00	5.64000E-01
3.50000E+00	5.67000E-01
4.00000E+00	5.71000E-01

CARAMAZZA. GAZ CHIM ITAL 90, 1721 (1960)

POTASSIUM CHLORIDE IN WATER AT 20 DEGREES C

TEMP	MS	MO	NU	NU+	NU-	Z+	Z-
20.000	74.560	18.015	2.0	1.0	1.0	1.0	-1.0

CONCENTRATION

	RELATIVE DENSITY
1.00000E-03	1.00005E+00
2.50000E-03	1.00012E+00
5.00000E-03	1.00024E+00
1.00000E-02	1.00049E+00
2.00000E-02	1.00097E+00
4.00000E-02	1.00194E+00
5.00000E-02	1.00242E+00
1.00000E-01	1.00482E+00
2.00000E-01	1.00956E+00
5.00000E-01	1.02356E+00

KAMINSKY. Z PHYSIK CHEM NF 12, 206 (1957)

MOLALITY

	DENSITY
9.88000E-02	1.00290E+00
5.04100E-01	1.02150E+00
9.91000E-01	1.04270E+00

1.50970E+00	1.06410E+00
2.04760E+00	1.08530E+00
2.49680E+00	1.10220E+00
3.00130E+00	1.12050E+00
3.53270E+00	1.13900E+00
3.96180E+00	1.15330E+00
4.69340E+00	1.17680E+00

LENGYEL, TAMAS, GIBER $ HOLDERITH. MAGY KEM FOLY 70, 66 (1964)

MOLALITY

	DENSITY
1.03130E+00	1.04434E+00
1.99830E+00	1.08330E+00
4.45180E+00	1.16850E+00

TOLLERT $ D*ANS. ANGEWANDTE CHEMIE 52, 472 (1939)

MOLALITY

	VISCOSITY
9.88000E-02	1.00070E+00
5.04100E-01	9.93300E-01
9.91000E-01	9.88200E-01
1.50970E+00	9.87300E-01
2.04760E+00	9.88400E-01
2.49680E+00	9.94900E-01
3.00130E+00	1.00250E+00
3.53270E+00	1.01450E+00
3.96180E+00	1.02610E+00
4.69340E+00	1.04950E+00

LENGYEL, TAMAS, GIBER $ HOLDERITH. MAGY KEM FOLY 70, 66 (1964)

CONCENTRATION

	RELATIVE VISCOSITY
1.00000E-03	1.00014E+00
2.50000E-03	1.00020E+00
5.00000E-03	1.00023E+00
1.00000E-02	1.00024E+00
2.00000E-02	1.00021E+00
4.00000E-02	9.99960E-01
5.00000E-02	9.99830E-01
1.00000E-01	9.98970E-01
2.00000E-01	9.97100E-01
5.00000E-01	9.91400E-01

KAMINSKY. Z PHYSIK CHEM NF 12, 206 (1957)

MOLALITY

	VISCOSITY
1.03130E+00	9.90900E-01
1.99830E+00	9.90100E-01
4.45180E+00	1.04730E+00

TOLLERT $ D*ANS. ANGEWANDTE CHEMIE 52, 472 (1939)

MOLALITY

	VISCOSITY
9.54000E-01	9.97000E-01
2.00000E+00	9.99000E-01
2.99600E+00	1.01000E+00
3.99400E+00	1.03400E+00

JACOPETTI. GAZZ CHIM ITAL 70, 95 (1940)

MOLALITY

	CONDUCTIVITY
9.54000E-01	9.52000E-02
2.00000E+00	1.82600E-01
2.99600E+00	2.54300E-01
3.99400E+00	3.15200E-01

JACOPETTI. GAZZ CHIM ITAL 70, 95 (1940)

CONCENTRATION

	DIFFUSION COEFFICIENT
1.25000E-03	1.73600E-05
2.48000E-03	1.72450E-05
3.67000E-03	1.71900E-05
4.51000E-03	1.70900E-05
1.12100E-02	1.68850E-05

HARNED $ NUTTALL. JACS 71, 1460 (1949)

POTASSIUM CHLORIDE IN WATER AT 25 DEGREES C

TEMP	MS	MO	NU	NU+	NU-	Z+	Z-
25.000	74.560	18.015	2.0	1.0	1.0	1.0	-1.0

CONCENTRATION

	DENSITY
1.00000E-04	9.97078E-01
2.00000E-04	9.97081E-01
5.00000E-04	9.97094E-01
1.00000E-03	9.97117E-01
2.00000E-03	9.97161E-01
5.00000E-03	9.97306E-01
1.00000E-02	9.97540E-01
2.00000E-02	9.98018E-01
5.00000E-02	9.99440E-01
1.00000E-01	1.00179E+00
2.00000E-01	1.00646E+00
5.00000E-01	1.02028E+00
9.99960E-01	1.04286E+00
1.99908E+00	1.08675E+00
2.99647E+00	1.12925E+00

JONES $ RAY. JACS 59, 187 (1937)

MOLALITY

	RELATIVE DENSITY
1.00400E-01	1.00480E+00
2.50000E-01	1.01140E+00
5.03100E-01	1.02320E+00
7.48500E-01	1.03360E+00
1.01600E+00	1.04540E+00
1.46900E+00	1.06370E+00
2.09100E+00	1.08830E+00
2.10600E+00	1.08910E+00

2.60400E+00	1.10750E+00
3.91800E+00	1.15270E+00
3.95600E+00	1.15440E+00
4.15300E+00	1.16140E+00
4.27200E+00	1.16530E+00

NICKELS $ ALLMAND. J PHYS CHEM 41, 861 (1937)

CONCENTRATION

	RELATIVE DENSITY
4.98450E-01	1.02322E+00
9.99718E-01	1.04595E+00
2.01151E+00	1.09059E+00
2.96208E+00	1.13127E+00

JONES $ TALLEY. JACS 55, 4124 (1933)

CONCENTRATION

	DENSITY
2.00400E-03	9.97160E-01
5.01100E-03	9.97312E-01
1.00200E-02	9.97550E-01
2.00410E-02	9.98023E-01
3.50720E-02	9.98730E-01
5.01030E-02	9.99443E-01
7.51540E-02	1.00062E+00
1.00205E-01	1.00179E+00
1.50309E-01	1.00413E+00
2.00411E-01	1.00646E+00

JONES $ TALLEY. JACS 55, 624 (1933)

MOLALITY

	DENSITY
5.04100E-01	1.02010E+00
9.91000E-01	1.04120E+00
2.04760E+00	1.08350E+00
2.49680E+00	1.10030E+00
3.00130E+00	1.11850E+00
3.53270E+00	1.13680E+00
3.96180E+00	1.15110E+00
4.69340E+00	1.17440E+00

LENGYEL, TAMAS, GIBER $ HOLDERITH. MAGY KEM FOLY 70, 66 (1964)

CONCENTRATION

	DENSITY
8.00000E-01	1.03392E+00
2.00000E+00	1.08685E+00

LENGYEL $ FEZLER. MAGY KEM FOLYOIRAT 69, 128 (1963)

CONCENTRATION

	RELATIVE DENSITY
1.01000E-01	1.00477E+00
1.81100E-01	1.00845E+00
2.71400E-01	1.01269E+00
4.06400E-01	1.01892E+00
6.88500E-01	1.03171E+00
1.01500E+00	1.04634E+00
1.31800E+00	1.05975E+00

DRUCKER. ARKIV KEMI MIN GEOL 22A, NO. 21, 17 PP (1946)

MOLALITY

	RELATIVE VISCOSITY
1.00400E-01	1.00045E+00
2.50000E-01	9.99200E-01
5.03100E-01	9.97900E-01
7.48500E-01	9.97400E-01
1.01600E+00	9.97800E-01
1.46900E+00	1.00100E+00
2.09100E+00	1.00680E+00
2.10600E+00	1.00690E+00
2.60400E+00	1.01530E+00
3.91800E+00	1.05070E+00
3.95600E+00	1.05180E+00
4.15300E+00	1.06100E+00
4.27200E+00	1.06330E+00

NICKELS $ ALLMAND. J PHYS CHEM 41, 861 (1937)

CONCENTRATION

	RELATIVE VISCOSITY
4.98450E-01	9.97600E-01
9.99718E-01	9.97020E-01
2.01151E+00	1.00773E+00
2.96208E+00	1.03211E+00

JONES $ TALLEY. JACS 55, 4124 (1933)

CONCENTRATION

	RELATIVE VISCOSITY
2.00400E-03	1.00019E+00
5.01100E-03	1.00030E+00
1.00200E-02	1.00040E+00
2.00410E-02	1.00044E+00
3.50720E-02	1.00049E+00
5.01030E-02	1.00045E+00
7.51540E-02	1.00039E+00
1.00205E-01	1.00025E+00
1.50309E-01	9.99940E-01
2.00411E-01	9.99510E-01

JONES $ TALLEY. JACS 55, 624 (1933)

CONCENTRATION

	RELATIVE VISCOSITY
4.98500E-01	9.98000E-01
7.32100E-01	9.96000E-01
9.69200E-01	9.95000E-01
1.00000E+00	9.97000E-01
1.43300E+00	9.97000E-01
1.88300E+00	1.00200E+00
2.31800E+00	1.01000E+00
2.74200E+00	1.02100E+00
3.52800E+00	1.05300E+00
3.55000E+00	1.05400E+00
3.72800E+00	1.06400E+00
3.93200E+00	1.07800E+00
4.13200E+00	1.09300E+00
4.17400E+00	1.09700E+00

KUME $ TANAKA. NIPPON KAGAKU ZASSHI 81, 534 (1960)

MOLALITY

	VISCOSITY
9.54000E-01	8.93000E-01
2.00000E+00	9.01000E-01
2.99600E+00	9.17000E-01
3.99400E+00	9.42000E-01

JACOPETTI. GAZZ CHIM ITAL 70, 95 (1940)

CONCENTRATION

	RELATIVE VISCOSITY
1.01000E-01	1.00023E+00
1.81100E-01	1.00006E+00
2.71400E-01	9.99200E-01
4.06400E-01	9.98600E-01
6.88500E-01	9.97900E-01
1.01500E+00	9.97900E-01
1.31800E+00	1.00080E+00

DRUCKER. ARKIV KEMI MIN GEOL 22A, NO. 21, 17 PP (1946)

MOLALITY

	VISCOSITY
5.04100E-01	8.87200E-01
9.91000E-01	8.88100E-01
2.04760E+00	8.96900E-01
2.49680E+00	9.03300E-01
3.00130E+00	9.13000E-01
3.53270E+00	9.25100E-01
3.96180E+00	9.38600E-01
4.69340E+00	9.61300E-01

LENGYEL, TAMAS, GIBER $ HOLDERITH. MAGY KEM FOLY 70, 66 (1964)

CONCENTRATION

	EQUIVALENT CONDUCTANCE
0.	1.49820E+02
1.00000E-04	1.48900E+02
2.00000E-04	1.48560E+02
5.00000E-04	1.47800E+02
1.00000E-03	1.46930E+02
2.00000E-03	1.45790E+02
5.00000E-03	1.43640E+02
1.00000E-02	1.41320E+02
2.00000E-02	1.38340E+02
5.00000E-02	1.33330E+02
1.00000E-01	1.28900E+02

SHEDLOVSKY. JACS 54, 1411 (1932)

MOLALITY

	CONDUCTIVITY
5.00000E-02	6.64000E-03
1.00000E-01	1.27300E-02
2.50000E-01	3.04000E-02
5.00000E-01	5.77000E-02
1.00000E+00	1.07800E-01

GORBACHEV $ KONDRATEV. ZH FIZ KHIM 35, 1235 (1961)

MOLALITY

	CONDUCTIVITY
1.00400E-01	1.28800E-02
2.00400E-01	2.47800E-02
2.50000E-01	3.05530E-02
5.03100E-01	5.85540E-02
7.48500E-01	8.39000E-02
1.02700E+00	1.11590E-01
1.46900E+00	1.52900E-01
2.02600E+00	2.02110E-01
2.60400E+00	2.50450E-01
3.40100E+00	3.04860E-01
3.95600E+00	3.41800E-01
4.27200E+00	3.58250E-01

NICKELS $ ALLMAND. J PHYS CHEM 41, 861 (1937)

CONCENTRATION

	MOLAR CONDUCTANCE
5.50600E-04	1.47740E+02
1.56360E-03	1.46260E+02
3.74040E-03	1.44350E+02
7.06630E-03	1.42490E+02
9.20570E-03	1.41570E+02
1.30101E-02	1.40230E+02
1.77312E-02	1.38880E+02

OWEN $ ZELDES. J CHEM PHYS 18, 1083 (1950)

CONCENTRATION

	MOLAR CONDUCTANCE
5.03820E-04	1.47790E+02
1.01948E-03	1.46910E+02
1.94420E-03	1.45840E+02
3.80720E-03	1.44350E+02
4.77440E-03	1.43730E+02
7.32150E-03	1.42420E+02
1.00615E-02	1.41270E+02
0.	1.49880E+02
5.00000E-04	1.47790E+02
1.00000E-03	1.46950E+02
2.00000E-03	1.45790E+02
5.00000E-03	1.43590E+02
1.00000E-02	1.41300E+02

GUNNING $ GORDON. J CHEM PHYS 10, 126 (1942)

CONCENTRATION

	MOLAR CONDUCTANCE
1.15560E-04	1.48970E+02
2.69240E-04	1.48440E+02
5.24630E-04	1.47830E+02
8.90780E-04	1.47150E+02
1.00920E-03	1.46980E+02
3.34480E-04	1.48270E+02
5.09990E-04	1.47840E+02
7.36430E-04	1.47370E+02
8.99150E-04	1.47130E+02

DAGGETT, BAIR $ KRAUS. JACS 73, 799 (1951)

MOLALITY

CONDUCTIVITY

9.54000E-01	1.04500E-01
2.00000E+00	1.99200E-01
2.99600E+00	2.76300E-01
3.99400E+00	3.41300E-01

JACOPETTI. GAZZ CHIM ITAL 70, 95 (1940)

CONCENTRATION	MOLAR CONDUCTANCE
0.	1.49850E+02
5.00000E-04	1.47760E+02
1.00000E-03	1.46920E+02
2.00000E-03	1.45760E+02
5.00000E-03	1.43560E+02
1.00000E-02	1.41270E+02

BENSON $ GORDON. J CHEM PHYS 13, 473 (1945)

CONCENTRATION	EQUIVALENT CONDUCTANCE
-0.	1.49860E+02
1.00000E-04	1.48940E+02
2.00000E-04	1.48570E+02
5.00000E-04	1.47810E+02
1.00000E-03	1.46950E+02
2.00000E-03	1.45780E+02
3.00000E-03	1.44910E+02
4.00000E-03	1.44190E+02
5.00000E-03	1.43550E+02
6.00000E-03	1.43020E+02
7.00000E-03	1.42520E+02
8.00000E-03	1.42060E+02
9.00000E-03	1.41650E+02
1.00000E-02	1.41270E+02
2.00000E-02	1.38340E+02
3.00000E-02	1.36270E+02
4.00000E-02	1.34670E+02
5.00000E-02	1.33370E+02
6.00000E-02	1.32300E+02
7.00000E-02	1.31330E+02
8.00000E-02	1.30440E+02
9.00000E-02	1.29650E+02
1.00000E-01	1.28960E+02
1.10000E-01	1.28290E+02
1.20000E-01	1.27690E+02

SHEDLOVSKY, BROWN $ MACINNES. TRANS ELECCHEM SOC 66, 165 (1934)

CONCENTRATION	EQUIVALENT CONDUCTANCE
-0.	1.49820E+02
3.25760E-05	1.49330E+02
1.04450E-04	1.48910E+02
2.65700E-04	1.48380E+02
3.32770E-04	1.48190E+02
3.52170E-04	1.48120E+02
4.69480E-04	1.47890E+02
6.08950E-04	1.47520E+02
8.42000E-04	1.47230E+02
9.28560E-04	1.47070E+02
1.13210E-03	1.46760E+02
1.40800E-03	1.46460E+02

1.59590E-03	1.46260E+02
2.02910E-03	1.45720E+02
2.05680E-03	1.45710E+02
2.33790E-03	1.45480E+02
2.78480E-03	1.45000E+02
2.87770E-03	1.44990E+02
3.28270E-03	1.44640E+02

SHEDLOVSKY. JACS 54, 1411 (1932)

CONCENTRATION

	TRANSFERENCE NUMBER
0.	4.90500E-01
5.00000E-04	4.90400E-01
5.00000E-03	4.90200E-01
3.00000E-02	4.90000E-01
7.00000E-02	4.89700E-01
1.00000E-01	4.89600E-01
2.00000E-01	4.89400E-01
5.00000E-01	4.88900E-01
1.00000E+00	4.88600E-01
2.00000E+00	4.88200E-01
3.00000E+00	4.87900E-01
3.90000E+00	4.87600E-01

CONCENTRATION

	TRANSFERENCE NUMBER
1.00000E-03	4.90300E-01
2.00000E-03	4.90300E-01
5.00000E-03	4.90500E-01
1.00000E-02	4.90200E-01
2.00000E-02	4.90100E-01
1.00000E-02	4.90100E-01
2.00000E-02	4.89900E-01
5.00000E-02	4.90000E-01
2.00000E-01	4.89200E-01

LONGSWORTH. JACS 54, 2741 (1932)

MOLALITY

	TRANSFERENCE NUMBER
1.00000E-02	4.88000E-01
5.00000E-02	4.87000E-01
1.00000E-01	4.87000E-01
2.00000E-01	4.87000E-01
3.00000E-01	4.86000E-01
5.00000E-01	4.86000E-01
1.00000E+00	4.86000E-01
1.50000E+00	4.86000E-01
2.00000E+00	4.85000E-01
2.50000E+00	4.85000E-01
3.00000E+00	4.85000E-01
3.50000E+00	4.85000E-01
4.00000E+00	4.85000E-01

VITAGLIANO $ CARAMAZZA. GAZZ CHIM ITAL 90, 1730 (1960)

CONCENTRATION

	TRANSFERENCE NUMBER
5.00000E-03	4.90300E-01
1.00000E-02	4.90200E-01
2.00000E-02	4.90100E-01
5.00000E-02	4.90000E-01

1.00000E-01	4.90000E-01

ALLGOOD, LEROY $ GORDON. J CHEM PHYS 8, 418 (1940)

CONCENTRATION

	TRANSFERENCE NUMBER
1.59840E-02	4.90600E-01
2.20560E-02	4.89900E-01
3.12420E-02	4.89800E-01
4.29140E-02	4.90000E-01

STEEL. J PHYS CHEM 69, 3208 (1965)

CONCENTRATION

	TRANSFERENCE NUMBER
1.00000E-01	4.92000E-01

MACINNES $ SMITH. JACS 45, 2246 (1923)

CONCENTRATION

	TRANSFERENCE NUMBER
1.00000E-01	4.92000E-01
2.00000E-01	4.90000E-01

SMITH $ MACINNES. JACS 47, 1009 (1925)

CONCENTRATION

	DIFFUSION COEFFICIENT
1.25000E-03	1.96120E-05
1.94000E-03	1.95450E-05
3.25000E-03	1.94330E-05
5.85000E-03	1.93080E-05
7.04000E-03	1.92410E-05
9.80000E-03	1.91800E-05

HARNED $ NUTTALL. JACS 69, 736 (1947)

CONCENTRATION

	DIFFUSION COEFFICIENT
1.26100E-02	1.90800E-05
2.65400E-02	1.87900E-05
3.99200E-02	1.87700E-05
4.62000E-02	1.87200E-05
5.45000E-02	1.86000E-05
6.07400E-02	1.85600E-05
1.29800E-01	1.83800E-05
3.32300E-01	1.84200E-05
5.27600E-01	1.85200E-05

HARNED $ NUTTALL. JACS 71, 1460 (1949)

CONCENTRATION

	DIFFUSION COEFFICIENT
2.25000E-01	1.83820E-05
3.31960E-01	1.84000E-05
5.00010E-01	1.84970E-05
1.00005E+00	1.89230E-05
1.50021E+00	1.94270E-05
2.00034E+00	1.99940E-05
2.50043E+00	2.05690E-05
3.00080E+00	2.11200E-05
3.50087E+00	2.16030E-05

3.90080E+00	2.19560E-05
1.00000E-01	1.85120E-05

GOSTING. JACS 72, 4418 (1950)

CONCENTRATION

	DIFFUSION COEFFICIENT
5.00000E-02	1.86300E-05
1.00000E-01	1.84800E-05
2.00000E-01	1.83500E-05
3.00000E-01	1.82600E-05
5.00000E-01	1.83500E-05
7.00000E-01	1.84600E-05
1.00000E+00	1.87600E-05
1.50000E+00	1.95100E-05
2.00000E+00	2.01100E-05
2.50000E+00	2.06400E-05
3.00000E+00	2.11000E-05
3.50000E+00	2.15200E-05

STOKES. JACS 72, 2243 (1950)

CONCENTRATION

	DIFFUSION COEFFICIENT
2.55000E-03	1.94600E-05

HARNED $ BLANDER. J PHYS CHEM 63, 2078 (1959)

MOLALITY

	DIFFUSION COEFFICIENT
1.00000E+00	1.89000E-05
2.00000E+00	1.98500E-05
3.00000E+00	2.08300E-05
4.00000E+00	2.16500E-05

LONGSWORTH. J PHYS CHEM 61, 1557 (1957)

CONCENTRATION

	DIFFUSION COEFFICIENT
2.07500E+00	2.01130E-05
2.12500E+00	2.01490E-05

CHAPMAN. PH. D. THESIS. UCRL-17768. NOVEMBER, 1967

MOLALITY

	GAMMA
5.00000E-04	9.74700E-01
1.00000E-03	9.64800E-01
2.00000E-03	9.51000E-01
1.00000E-02	9.01000E-01
2.00000E-02	8.68000E-01
3.00000E-02	8.46000E-01
4.00000E-02	8.29000E-01
5.00000E-02	8.16000E-01
6.00000E-02	8.04000E-01
7.00000E-02	7.94000E-01
8.00000E-02	7.85000E-01
9.00000E-02	7.77000E-01
1.00000E-01	7.69000E-01
2.00000E-01	7.18000E-01
3.00000E-01	6.87000E-01
4.00000E-01	6.65000E-01

5.00000E-01	6.49000E-01
6.00000E-01	6.36000E-01
7.00000E-01	6.26000E-01
8.00000E-01	6.17000E-01
9.00000E-01	6.10000E-01
1.00000E+00	6.03000E-01
1.50000E+00	5.82000E-01
2.00000E+00	5.72000E-01
3.00000E+00	5.68000E-01
4.00000E+00	5.76000E-01
5.00000E+00	5.90000E-01

LEWIS $ RANDALL. THERMODYNAMICS (2ND ED,1961)

MOLALITY

	GAMMA
5.00000E-02	8.13000E-01
1.00000E-01	7.67000E-01
2.00000E-01	7.16000E-01
3.00000E-01	6.86000E-01
5.00000E-01	6.49000E-01
1.00000E+00	6.04000E-01
1.50000E+00	5.82000E-01
2.00000E+00	5.74000E-01
2.50000E+00	5.70000E-01
3.00000E+00	5.69000E-01
3.50000E+00	5.73000E-01
4.00000E+00	5.77000E-01

CARAMAZZA. GAZ CHIM ITAL 90, 1721 (1960)

POTASSIUM CHLORIDE IN WATER AT 30 DEGREES C

TEMP	MS	MO	NU	NU+	NU-	Z+	Z-
30.000	74.560	18.015	2.0	1.0	1.0	1.0	-1.0

CONCENTRATION

	RELATIVE DENSITY
1.00000E-03	1.00005E+00
2.49000E-03	1.00012E+00
4.99000E-03	1.00024E+00
9.97000E-03	1.00048E+00
1.99500E-02	1.00096E+00
3.99000E-02	1.00190E+00
4.98700E-02	1.00237E+00
9.97300E-02	1.00472E+00
1.99460E-01	1.00939E+00
4.98560E-01	1.02317E+00

KAMINSKY. Z PHYSIK CHEM NF 12, 206 (1957)

MOLALITY

	DENSITY
5.04100E-01	1.01860E+00
9.91000E-01	1.03950E+00
1.50970E+00	1.06060E+00
2.04760E+00	1.08160E+00

2.49680E+00	1.09830E+00
3.00130E+00	1.11640E+00
3.53270E+00	1.13460E+00
3.96180E+00	1.14880E+00
4.69340E+00	1.17190E+00

LENGYEL, TAMAS, GIBER $ HOLDERITH. MAGY KEM FOLY 70, 66 (1964)

MOLALITY

	VISCOSITY
5.04100E-01	7.99700E-01
9.91000E-01	8.03700E-01
1.50970E+00	8.08600E-01
2.04760E+00	8.15800E-01
2.49680E+00	8.24100E-01
3.00130E+00	8.35800E-01
3.53270E+00	8.48500E-01
3.96180E+00	8.58300E-01
4.69340E+00	8.83700E-01

LENGYEL, TAMAS, GIBER $ HOLDERITH. MAGY KEM FOLY 70, 66 (1964)

MOLALITY

	RELATIVE VISCOSITY
1.00000E+00	1.01000E+00
1.50000E+00	1.02100E+00
2.00000E+00	1.02800E+00
2.50000E+00	1.03500E+00
3.00000E+00	1.04600E+00
3.50000E+00	1.06400E+00
4.00000E+00	1.07900E+00
4.50000E+00	1.09300E+00
4.96300E+00	1.14500E+00

SURYANARAYANA $ VENKATESAN. BULL CHEM SOC JAPAN 31, 442 (1958)

CONCENTRATION

	RELATIVE VISCOSITY
1.00000E-03	1.00017E+00
2.49000E-03	1.00027E+00
4.99000E-03	1.00038E+00
9.97000E-03	1.00052E+00
1.99500E-02	1.00072E+00
3.99000E-02	1.00101E+00
4.98700E-02	1.00111E+00
9.97300E-02	1.00151E+00
1.99460E-01	1.00206E+00
4.98560E-01	1.00307E+00

KAMINSKY. Z PHYSIK CHEM NF 12, 206 (1957)

G/100 G OF SOLVENT

	RELATIVE VISCOSITY
3.45000E+00	1.00200E+00
6.96000E+00	1.00500E+00
1.05300E+01	1.01000E+00
1.41600E+01	1.01800E+00
1.78500E+01	1.02900E+00
2.16090E+01	1.04200E+00
2.54300E+01	1.05700E+00
2.93200E+01	1.07700E+00
3.32800E+01	1.10200E+00

3.73100E+01	1.13100E+00

TANAKA. NIPPON KAGAKU ZASSHI 82, 147 (1961)

MOLALITY

	CONDUCTIVITY
1.00000E+00	1.20000E-01
1.50000E+00	1.71300E-01
2.00000E+00	2.17700E-01
2.50000E+00	2.58700E-01
3.00000E+00	2.96600E-01
3.50000E+00	3.32300E-01
4.00000E+00	3.63100E-01
4.50000E+00	3.82100E-01

SURYANARAYANA $ VENKATESAN. ACTA CHIM ACAD SCI HUNG 17, 327 (1958)

CONCENTRATION

	DIFFUSION COEFFICIENT
3.26000E-03	2.17200E-05
6.50000E-03	2.15400E-05
8.96000E-03	2.14600E-05
1.23600E-02	2.13900E-05

HARNED $ NUTTALL. JACS 71, 1460 (1949)

POTASSIUM CHLORIDE IN WATER AT 35 DEGREES C

TEMP	MS	MO	NU	NU+	NU-	Z+	Z-
35.000	74.560	18.015	2.0	1.0	1.0	1.0	-1.0

MOLALITY

	DENSITY
1.27300E-01	1.00030E+00
4.04300E-01	1.01220E+00
5.14100E-01	1.01740E+00
7.72800E-01	1.02800E+00
1.39050E+00	1.05410E+00
1.66980E+00	1.06500E+00
2.18530E+00	1.08470E+00
2.89600E+00	1.11020E+00
4.63220E+00	1.16750E+00

FIRTH $ TYRRELL. J CHEM SOC 1962, 2042 (1962)

CONCENTRATION

	RELATIVE DENSITY
9.90000E-04	1.00005E+00
2.49000E-03	1.00012E+00
4.98000E-03	1.00024E+00
9.96000E-03	1.00047E+00
1.99200E-02	1.00094E+00
3.98300E-02	1.00188E+00
4.97900E-02	1.00235E+00
9.95700E-02	1.00468E+00
1.99130E-01	1.00931E+00
4.97700E-01	1.02300E+00

KAMINSKY. Z PHYSIK CHEM NF 12, 206 (1957)

G/100 G OF SOLVENT

	RELATIVE VISCOSITY
3.59000E+00	1.00700E+00
7.25200E+00	1.01500E+00
1.09700E+01	1.02400E+00
1.47600E+01	1.03500E+00
1.86200E+01	1.04900E+00
2.25460E+01	1.06600E+00
2.65400E+01	1.08700E+00
3.06200E+01	1.11100E+00
3.47700E+01	1.14000E+00
3.89900E+01	1.17200E+00

TANAKA. NIPPON KAGAKU ZASSHI 82, 147 (1961)

CONCENTRATION

	RELATIVE VISCOSITY
9.90000E-04	1.00018E+00
2.49000E-03	1.00030E+00
4.98000E-03	1.00044E+00
9.96000E-03	1.00065E+00
1.99200E-02	1.00098E+00
3.98300E-02	1.00147E+00
4.97900E-02	1.00171E+00
9.95700E-02	1.00270E+00
1.99130E-01	1.00441E+00
4.97700E-01	1.00877E+00

KAMINSKY. Z PHYSIK CHEM NF 12, 206 (1957)

MOLALITY

	RELATIVE VISCOSITY
1.00000E+00	1.01400E+00
1.50000E+00	1.02000E+00
2.00000E+00	1.02200E+00
2.50000E+00	1.04900E+00
3.00000E+00	1.06000E+00
3.50000E+00	1.07700E+00
4.00000E+00	1.10300E+00
4.50000E+00	1.11900E+00
5.16400E+00	1.15900E+00

SURYANARAYANA $ VENKATESAN. BULL CHEM SOC JAPAN 31, 442 (1958)

MOLALITY

	VISCOSITY
9.54000E-01	7.34000E-01
2.00000E+00	7.48000E-01
2.99600E+00	7.71000E-01
3.99400E+00	7.97000E-01

JACOPETTI. GAZZ CHIM ITAL 70, 95 (1940)

CONCENTRATION

	MOLAR CONDUCTANCE
4.91060E-04	1.77950E+02
1.08290E-03	1.76760E+02
2.04650E-03	1.75370E+02
3.36840E-03	1.74070E+02

5.19960E-03	1.72620E+02
7.54550E-03	1.71170E+02
1.03282E-02	1.69750E+02
0.	1.80500E+02
5.00000E-04	1.77930E+02
1.00000E-03	1.76890E+02
2.00000E-03	1.75460E+02
5.00000E-03	1.72760E+02
1.00000E-02	1.69920E+02

GUNNING $ GORDON. J CHEM PHYS 10, 126 (1942)

MOLALITY	CONDUCTIVITY
1.00000E+00	1.27500E-01
1.50000E+00	1.82000E-01
2.00000E+00	2.29600E-01
2.50000E+00	2.73500E-01
3.00000E+00	3.13800E-01
3.50000E+00	3.51200E-01
4.00000E+00	3.73600E-01
4.50000E+00	4.04200E-01

SURYANARAYANA $ VENKATESAN. ACTA CHIM ACAD SCI HUNG 17, 327 (1958)

CONCENTRATION	MOLAR CONDUCTANCE
0.	1.80420E+02
5.00000E-04	1.77850E+02
1.00000E-03	1.76810E+02
2.00000E-03	1.75380E+02
5.00000E-03	1.72680E+02
1.00000E-02	1.69840E+02

BENSON $ GORDON. J CHEM PHYS 13, 473 (1945)

MOLALITY	CONDUCTIVITY
9.54000E-01	1.23000E-01
2.00000E+00	2.32400E-01
2.99600E+00	3.20200E-01
3.99400E+00	3.93100E-01

JACOPETTI. GAZZ CHIM ITAL 70, 95 (1940)

MOLALITY	TRANSFERENCE NUMBER
1.00000E-02	4.88000E-01
5.00000E-02	4.87000E-01
1.00000E-01	4.86000E-01
2.00000E-01	4.85000E-01
3.00000E-01	4.85000E-01
5.00000E-01	4.84000E-01
1.00000E+00	4.84000E-01
1.50000E+00	4.83000E-01
2.00000E+00	4.83000E-01
2.50000E+00	4.83000E-01
3.00000E+00	4.83000E-01
3.50000E+00	4.82000E-01
4.00000E+00	4.82000E-01

VITAGLIANO $ CARAMAZZA. GAZZ CHIM ITAL 90, 1730 (1960)

CONCENTRATION

	TRANSFERENCE NUMBER
5.00000E-03	4.88700E-01
1.00000E-02	4.88600E-01
2.00000E-02	4.88500E-01
5.00000E-02	4.88500E-01
1.00000E-01	4.88800E-01

ALLGOOD, LEROY $ GORDON. J CHEM PHYS 8, 418 (1940)

MOLALITY

	DIFFUSION COEFFICIENT
0.	2.47800E-05
1.00000E-01	2.37000E-05
2.00000E-01	2.32000E-05
5.00000E-01	2.31100E-05
1.00000E+00	2.34500E-05
2.00000E+00	2.45800E-05
3.00000E+00	2.57500E-05

FIRTH $ TYRRELL. J CHEM SOC 1962, 2042 (1962)

MOLALITY

	DIFFUSION COEFFICIENT
1.00000E+00	2.34000E-05
2.00000E+00	2.44300E-05
3.00000E+00	2.54700E-05
4.00000E+00	2.63000E-05

LONGSWORTH. J PHYS CHEM 61, 1557 (1957)

CONCENTRATION

	DIFFUSION COEFFICIENT
5.94000E-02	2.31400E-05
9.90000E-02	2.29100E-05
1.97900E-01	2.27300E-05
2.95500E-01	2.27400E-05
3.91700E-01	2.28000E-05
4.89700E-01	2.28400E-05
5.86000E-01	2.29400E-05
6.81800E-01	2.31000E-05
7.77200E-01	2.32000E-05
9.65200E-01	2.34000E-05
1.42600E+00	2.38500E-05
1.87540E+00	2.43000E-05
2.30970E+00	2.48400E-05
2.72080E+00	2.53000E-05
3.13850E+00	2.57700E-05
3.54110E+00	2.62500E-05

VITAGLIANO $ CARAMAZZA. GAZZ CHIM ITAL 90, 1730 (1960)

CONCENTRATION

	1.0 + DLOG(Y)/DLOG(C)
0.	1.00000E+00
5.94000E-02	9.16400E-01
9.90000E-02	9.06700E-01
1.97900E-01	8.98000E-01
2.95500E-01	8.97100E-01
3.91700E-01	8.99300E-01
4.89700E-01	9.02900E-01

5.86000E-01	9.07400E-01
6.81800E-01	9.12400E-01
7.77200E-01	9.17500E-01
9.65200E-01	9.29200E-01
1.42600E+00	9.59800E-01
1.87540E+00	9.91800E-01
2.30970E+00	1.02430E+00
2.72080E+00	1.05630E+00
3.13850E+00	1.09010E+00
3.54110E+00	1.12360E+00

VITAGLIANO $ CARAMAZZA. GAZZ CHIM ITAL 90, 1730 (1960)

MOLALITY

	GAMMA
5.00000E-02	8.10000E-01
1.00000E-01	7.64000E-01
2.00000E-01	7.14000E-01
3.00000E-01	6.83000E-01
5.00000E-01	6.47000E-01
1.00000E+00	6.04000E-01
1.50000E+00	5.83000E-01
2.00000E+00	5.76000E-01
2.50000E+00	5.73000E-01
3.00000E+00	5.71000E-01
3.50000E+00	5.76000E-01
4.00000E+00	5.81000E-01

CARAMAZZA. GAZ CHIM ITAL 90, 1721 (1960)

POTASSIUM CHLORIDE IN WATER AT 40 DEGREES C

TEMP	MS	MO	NU	NU+	NU-	Z+	Z-
40.000	74.560	18.015	2.0	1.0	1.0	1.0	-1.0

MOLALITY

	DENSITY
9.88000E-02	9.96800E-01
5.04100E-01	1.01490E+00
9.91000E-01	1.03560E+00
1.50970E+00	1.05650E+00
2.04760E+00	1.07730E+00
2.49680E+00	1.09390E+00
3.00130E+00	1.11190E+00
3.53270E+00	1.13010E+00
3.96180E+00	1.14420E+00
4.69340E+00	1.16730E+00

LENGYEL, TAMAS, GIBER $ HOLDERITH. MAGY KEM FOLY 70, 66 (1964)

G/100 G OF SOLVENT

	RELATIVE VISCOSITY
3.71000E+00	1.01000E+00
7.48000E+00	1.02100E+00
1.13300E+01	1.03500E+00
1.52400E+01	1.05100E+00
1.92300E+01	1.07000E+00

2.32900E+01	1.09100E+00
2.74300E+01	1.11500E+00
3.16500E+01	1.14100E+00
3.59500E+01	1.17200E+00
4.03300E+01	1.20600E+00

TANAKA. NIPPON KAGAKU ZASSHI 82, 147 (1961)

MOLALITY	VISCOSITY
9.88000E-02	6.55000E-01
5.04100E-01	6.59700E-01
9.91000E-01	6.69100E-01
1.50970E+00	6.76900E-01
2.04760E+00	6.86600E-01
2.49680E+00	6.96100E-01
3.00130E+00	7.09700E-01
3.53270E+00	7.23100E-01
3.96180E+00	7.36900E-01
4.69340E+00	7.58400E-01

LENGYEL, TAMAS, GIBER $ HOLDERITH. MAGY KEM FOLY 70, 66 (1964)

MOLALITY	RELATIVE VISCOSITY
1.00000E+00	1.01800E+00
1.50000E+00	1.03900E+00
2.00000E+00	1.04400E+00
2.50000E+00	1.07400E+00
3.00000E+00	1.08900E+00
3.50000E+00	1.10500E+00
4.00000E+00	1.13000E+00
4.50000E+00	1.14800E+00
5.36500E+00	1.19900E+00

SURYANARAYANA $ VENKATESAN. BULL CHEM SOC JAPAN 31, 442 (1958)

MOLALITY	VISCOSITY
9.54000E-01	6.71000E-01
2.00000E+00	6.88000E-01
2.99600E+00	7.12000E-01
3.99400E+00	7.39000E-01

JACOPETTI. GAZZ CHIM ITAL 70, 95 (1940)

MOLALITY	CONDUCTIVITY
1.00000E+00	1.37400E-01
1.50000E+00	1.94300E-01
2.00000E+00	2.46600E-01
2.50000E+00	2.92400E-01
3.00000E+00	3.34700E-01
3.50000E+00	3.72800E-01
4.00000E+00	3.99700E-01
4.50000E+00	4.29700E-01

SURYANARAYANA $ VENKATESAN. ACTA CHIM ACAD SCI HUNG 17, 327 (1958)

MOLALITY	CONDUCTIVITY
9.54000E-01	1.32300E-01

2.00000E+00	2.49100E-01
2.99600E+00	3.42100E-01
3.99400E+00	4.18900E-01

JACOPETTI. GAZZ CHIM ITAL 70, 95 (1940)

NORMALITY

	TRANSFERENCE NUMBER
9.94500E-02	4.90100E-01
9.94500E-02	4.90800E-01
1.49000E-01	4.90500E-01
1.98300E-01	4.90000E-01
1.98300E-01	4.89600E-01
0.	4.91300E-01

SAMIS. TRANS FAR SOC 33, 469 (1937)

POTASSIUM CHLORIDE IN WATER AT 45 DEGREES C

TEMP	MS	MO	NU	NU+	NU-	Z+	Z-
45.000	74.560	18.015	2.0	1.0	1.0	1.0	-1.0

MOLALITY

	DENSITY
4.53000E-02	9.91900E-01
1.48400E-01	9.96600E-01
3.28700E-01	1.00490E+00
7.87300E-01	1.02410E+00
1.69430E+00	1.06070E+00
2.78990E+00	1.10120E+00
4.13720E+00	1.14760E+00

FIRTH $ TYRRELL. J CHEM SOC 1962, 2042 (1962)

G/100 G OF SOLVENT

	RELATIVE VISCOSITY
3.82000E+00	1.01500E+00
7.71500E+00	1.03200E+00
1.16800E+01	1.05000E+00
1.57200E+01	1.06900E+00
1.98400E+01	1.09100E+00
2.40400E+01	1.11400E+00
2.83200E+01	1.14000E+00
3.26900E+01	1.16900E+00
3.71400E+01	1.20100E+00
4.16800E+01	1.23700E+00

TANAKA. NIPPON KAGAKU ZASSHI 82, 147 (1961)

MOLALITY

	RELATIVE VISCOSITY
1.00000E+00	1.02400E+00
1.50000E+00	1.04600E+00
2.00000E+00	1.05800E+00
2.50000E+00	1.08600E+00
3.00000E+00	1.10400E+00
3.50000E+00	1.12500E+00

4.00000E+00	1.14800E+00
4.50000E+00	1.17000E+00
5.54000E+00	1.23300E+00

SURYANARAYANA $ VENKATESAN. BULL CHEM SOC JAPAN 31, 442 (1958)

CONCENTRATION

	MOLAR CONDUCTANCE
5.17360E-04	2.09330E+02
1.03639E-03	2.08050E+02
2.07660E-03	2.06310E+02
3.26700E-03	2.04820E+02
4.66750E-03	2.03430E+02
7.45840E-03	2.01240E+02
9.85460E-03	1.99750E+02
0.	2.12490E+02
5.00000E-04	2.09380E+02
1.00000E-03	2.08130E+02
2.00000E-03	2.06400E+02
5.00000E-03	2.03140E+02
1.00000E-02	1.99690E+02

GUNNING $ GORDON. J CHEM PHYS 10, 126 (1942)

MOLALITY

	CONDUCTIVITY
1.00000E+00	1.47200E-01
1.50000E+00	2.07000E-01
2.00000E+00	2.63200E-01
2.50000E+00	3.11600E-01
3.00000E+00	3.57800E-01
3.50000E+00	3.96900E-01
4.00000E+00	4.24000E-01
4.50000E+00	4.56800E-01

SURYANARAYANA $ VENKATESAN. ACTA CHIM ACAD SCI HUNG 17, 327 (1958)

CONCENTRATION

	MOLAR CONDUCTANCE
0.	2.12410E+02
5.00000E-04	2.09300E+02
1.00000E-03	2.08050E+02
2.00000E-03	2.06330E+02
5.00000E-03	2.03070E+02
1.00000E-02	1.99620E+02

BENSON $ GORDON. J CHEM PHYS 13, 473 (1945)

CONCENTRATION

	TRANSFERENCE NUMBER
5.00000E-03	4.86900E-01
1.00000E-02	4.86800E-01
2.00000E-02	4.86800E-01
5.00000E-02	4.86900E-01
1.00000E-01	4.87300E-01

ALLGOOD, LEROY $ GORDON. J CHEM PHYS 8, 418 (1940)

MOLALITY

	DIFFUSION COEFFICIENT
0.	3.01200E-05
1.00000E-01	2.79700E-05

2.00000E-01	2.77900E-05
5.00000E-01	2.77900E-05
1.00000E+00	2.82200E-05
2.00000E+00	2.94400E-05
3.00000E+00	3.05800E-05

FIRTH $ TYRRELL. J CHEM SOC 1962, 2042 (1962)

MOLALITY

	DIFFUSION COEFFICIENT
1.00000E+00	2.82500E-05
2.00000E+00	2.92900E-05
3.00000E+00	3.03600E-05
4.00000E+00	3.11600E-05

LONGSWORTH. J PHYS CHEM 61, 1557 (1957)

POTASSIUM CHLORIDE IN WATER AT 50 DEGREES C

TEMP	MS	MO	NU	NU+	NU-	Z+	Z-
50.000	74.560	18.015	2.0	1.0	1.0	1.0	-1.0

MASS FRACTION

	DENSITY
4.23000E-02	1.01400E+00
8.81000E-02	1.04400E+00
1.09100E-01	1.05800E+00
1.42700E-01	1.08000E+00
2.14600E-01	1.13300E+00
2.63200E-01	1.16700E+00
3.00000E-01	1.19400E+00

TIMMERMANS. PHYSICO-CHEMICAL CONSTANTS OF BINARY SYSTEMS, 1960

NORMALITY

	DENSITY
1.00000E+00	1.03200E+00
2.00000E+00	1.07100E+00
3.00000E+00	1.10600E+00

TIMMERMANS. PHYSICO-CHEMICAL CONSTANTS OF BINARY SYSTEMS, 1960

MASS FRACTION

	DENSITY
3.00500E-01	1.19400E+00
2.20100E-01	1.13345E+00
1.56800E-01	1.08912E+00
1.17100E-01	1.06243E+00
6.66000E-02	1.02962E+00
4.94000E-02	1.01850E+00
2.48000E-02	1.00343E+00
2.02000E-02	1.00057E+00
1.24000E-02	9.95750E-01

TIMMERMANS. PHYSICO-CHEMICAL CONSTANTS OF BINARY SYSTEMS, 1960

MOLALITY

DENSITY

2.32030E+00	1.08290E+00
3.39610E+00	1.12060E+00
4.46850E+00	1.15510E+00

TOLLERT $ D*ANS. ANGEWANDTE CHEMIE 52, 472 (1939)

G/100 G OF SOLVENT

RELATIVE VISCOSITY

3.94000E+00	1.01900E+00
7.95600E+00	1.03800E+00
1.20500E+01	1.06000E+00
1.62200E+01	1.08400E+00
2.04800E+01	1.11000E+00
2.48200E+01	1.13800E+00
2.92500E+01	1.16800E+00
3.37700E+01	1.20000E+00
3.83800E+01	1.23600E+00
4.30900E+01	1.27600E+00

TANAKA. NIPPON KAGAKU ZASSHI 82, 147 (1961)

MOLALITY

RELATIVE VISCOSITY

1.00000E+00	1.03400E+00
1.50000E+00	1.05900E+00
2.00000E+00	1.07600E+00
2.50000E+00	1.10400E+00
3.00000E+00	1.12200E+00
3.50000E+00	1.14700E+00
4.00000E+00	1.17300E+00
4.50000E+00	1.19500E+00
5.71400E+00	1.27100E+00

SURYANARAYANA $ VENKATESAN. BULL CHEM SOC JAPAN 31, 442 (1958)

MOLALITY

VISCOSITY

9.54000E-01	5.69000E-01
2.00000E+00	5.90000E-01
2.99600E+00	6.15000E-01
3.99400E+00	6.43000E-01

JACOPETTI. GAZZ CHIM ITAL 70, 95 (1940)

G/100 G OF SOLVENT

RELATIVE VISCOSITY

3.74000E+01	1.22700E+00
4.14000E+01	1.26600E+00

CHATTERJI $ GOPAL. J INDIAN CHEM SOC 24, 455 (1947)

MOLALITY

VISCOSITY

2.32030E+00	6.01000E-01
3.39610E+00	6.25000E-01
4.46850E+00	6.59000E-01

TOLLERT $ D*ANS. ANGEWANDTE CHEMIE 52, 472 (1939)

MOLALITY

CONDUCTIVITY

1.00000E+00	1.57900E-01
1.50000E+00	2.20900E-01
2.00000E+00	2.79000E-01
2.50000E+00	3.30000E-01
3.00000E+00	3.79200E-01
3.50000E+00	4.18500E-01
4.00000E+00	4.49000E-01
4.50000E+00	4.80300E-01

SURYANARAYANA $ VENKATESAN. ACTA CHIM ACAD SCI HUNG 17, 327 (1958)

MOLALITY	CONDUCTIVITY
5.00000E-02	9.85000E-03
1.00000E-01	1.86800E-02
2.50000E-01	4.44000E-02
5.00000E-01	8.30000E-02
1.00000E+00	1.52000E-01

GORBACHEV $ KONDRATEV. ZH FIZ KHIM 35, 1235 (1961)

MOLALITY	CONDUCTIVITY
9.54000E-01	1.50700E-01
2.00000E+00	2.88400E-01
2.99600E+00	3.85600E-01
3.99400E+00	4.70200E-01

JACOPETTI. GAZZ CHIM ITAL 70, 95 (1940)

CONCENTRATION	EQUIVALENT CONDUCTANCE
1.21710E-02	2.13930E+02
2.46360E-02	2.08630E+02
4.52210E-02	2.03180E+02
6.24980E-02	1.99800E+02
7.87440E-02	1.97350E+02
9.87840E-02	1.94730E+02
1.41510E-01	1.90620E+02
2.01040E-01	1.86290E+02
2.99040E-01	1.81170E+02
3.57320E-01	1.78860E+02
4.12410E-01	1.76830E+02
5.59510E-01	1.72530E+02
7.66790E-01	1.67790E+02
9.85280E-01	1.63860E+02
1.40740E+00	1.57650E+02
1.81870E+00	1.52470E+02
2.29220E+00	1.47080E+02
2.73820E+00	1.42300E+02
2.88820E+00	1.40720E+02
3.31070E+00	1.36280E+02
3.63850E+00	1.32830E+02
4.39480E+00	1.24870E+02

CHAMBERS. J PHYS CHEM 62, 1136 (1958)

MOLALITY	TRANSFERENCE NUMBER
1.00000E-02	4.87000E-01
5.00000E-02	4.85000E-01
1.00000E-01	4.85000E-01

2.00000E-01	4.84000E-01
3.00000E-01	4.84000E-01
5.00000E-01	4.84000E-01
1.00000E+00	4.83000E-01
1.50000E+00	4.83000E-01
2.00000E+00	4.83000E-01
2.50000E+00	4.83000E-01
3.00000E+00	4.82000E-01
3.50000E+00	4.82000E-01
4.00000E+00	4.82000E-01

VITAGLIANO $ CARAMAZZA. GAZZ CHIM ITAL 90, 1730 (1960)

CONCENTRATION

	DIFFUSION COEFFICIENT
9.83000E-02	3.06700E-05
1.90700E-01	3.03000E-05
1.96200E-01	3.03500E-05
2.44800E-01	3.02500E-05
3.42100E-01	3.02000E-05
3.90600E-01	3.02500E-05
4.86400E-01	3.02000E-05
5.82400E-01	3.02700E-05
9.59800E-01	3.06500E-05
1.41860E+00	3.13500E-05
1.78540E+00	3.18000E-05
1.80800E+00	3.18500E-05
1.86330E+00	3.19400E-05
2.29520E+00	3.25000E-05
2.71340E+00	3.31500E-05
3.12050E+00	3.35500E-05
3.52060E+00	3.39000E-05
3.59780E+00	3.39300E-05
3.78280E+00	3.39500E-05

VITAGLIANO $ CARAMAZZA. GAZZ CHIM ITAL 90, 1730 (1960)

CONCENTRATION

	1.0 + DLOG(Y)/DLOG(C)
0.	1.00000E+00
9.83000E-02	9.05200E-01
1.90700E-01	8.97300E-01
1.96200E-01	8.97100E-01
2.44800E-01	8.96500E-01
3.42100E-01	8.98100E-01
3.90600E-01	8.99700E-01
4.86400E-01	9.03900E-01
5.82400E-01	9.08800E-01
9.59800E-01	9.32000E-01
1.41860E+00	9.62200E-01
1.78540E+00	9.87600E-01
1.80800E+00	9.89200E-01
1.86330E+00	9.93000E-01
2.29520E+00	1.02280E+00
2.71340E+00	1.05130E+00
3.12050E+00	1.07910E+00
3.52060E+00	1.10650E+00
3.59780E+00	1.11130E+00
3.78280E+00	1.12430E+00

VITAGLIANO $ CARAMAZZA. GAZZ CHIM ITAL 90, 1730 (1960)

MOLALITY	GAMMA
5.00000E-02	8.04000E-01
1.00000E-01	7.59000E-01
2.00000E-01	7.09000E-01
3.00000E-01	6.78000E-01
5.00000E-01	6.43000E-01
1.00000E+00	6.00000E-01
1.50000E+00	5.82000E-01
2.00000E+00	5.75000E-01
2.50000E+00	5.72000E-01
3.00000E+00	5.68000E-01
3.50000E+00	5.74000E-01
4.00000E+00	5.81000E-01

CARAMAZZA. GAZ CHIM ITAL 90, 1721 (1960)

POTASSIUM CHLORIDE IN WATER AT 55 DEGREES C

TEMP	MS	MO	NU	NU+	NU-	Z+	Z-
55.000	74.560	18.015	2.0	1.0	1.0	1.0	-1.0

MOLALITY	RELATIVE VISCOSITY
1.00000E+00	1.03900E+00
1.50000E+00	1.05900E+00
2.00000E+00	1.08100E+00
2.50000E+00	1.11400E+00
3.00000E+00	1.13500E+00
3.50000E+00	1.16100E+00
4.00000E+00	1.18800E+00
4.50000E+00	1.21400E+00
5.90200E+00	1.30800E+00

SURYANARAYANA $ VENKATESAN. BULL CHEM SOC JAPAN 31, 442 (1958)

CONCENTRATION	MOLAR CONDUCTANCE
3.25120E-03	2.36750E+02
5.66330E-03	2.33990E+02
8.42510E-03	2.31700E+02
1.16256E-02	2.29520E+02
1.68195E-02	2.26750E+02
1.91899E-02	2.25660E+02
2.29392E-02	2.24170E+02
2.27740E-03	2.38080E+02
4.23950E-03	2.35410E+02
6.63110E-03	2.33040E+02
1.09499E-02	2.29860E+02
1.37269E-02	2.28210E+02
1.95238E-02	2.25430E+02
2.57958E-02	2.22990E+02

OWEN $ ZELDES. J CHEM PHYS 18, 1083 (1950)

MOLALITY	CONDUCTIVITY

1.00000E+00	1.67600E-01
1.50000E+00	2.34300E-01
2.00000E+00	2.94600E-01
2.50000E+00	3.49100E-01
3.00000E+00	4.00400E-01
3.50000E+00	4.40900E-01
4.00000E+00	4.70800E-01
4.50000E+00	5.05200E-01

SURYANARAYANA $ VENKATESAN. ACTA CHIM ACAD SCI HUNG 17, 327 (1958)

POTASSIUM CHLORIDE IN WATER AT 60 DEGREES C

TEMP	MS	MO	NU	NU+	NU-	Z+	Z-
60.000	74.560	18.015	2.0	1.0	1.0	1.0	-1.0

MOLALITY	VISCOSITY
9.54000E-01	4.91000E-01
2.00000E+00	5.14000E-01
2.99600E+00	5.39000E-01
3.99400E+00	5.67000E-01

JACOPETTI. GAZZ CHIM ITAL 70, 95 (1940)

MOLALITY	CONDUCTIVITY
9.54000E-01	1.69200E-01
2.00000E+00	3.15800E-01
2.99600E+00	4.28800E-01
3.99400E+00	5.21100E-01

JACOPETTI. GAZZ CHIM ITAL 70, 95 (1940)

POTASSIUM CHLORIDE IN WATER AT 70 DEGREES C

TEMP	MS	MO	NU	NU+	NU-	Z+	Z-
70.000	74.560	18.015	2.0	1.0	1.0	1.0	-1.0

MOLALITY	VISCOSITY
9.54000E-01	4.29000E-01
2.00000E+00	4.53000E-01
2.99600E+00	4.77000E-01
3.99400E+00	5.06000E-01

JACOPETTI. GAZZ CHIM ITAL 70, 95 (1940)

MOLALITY	CONDUCTIVITY
9.54000E-01	1.87600E-01
2.00000E+00	3.49500E-01

2.99600E+00	4.71700E-01
3.99400E+00	5.71600E-01

JACOPETTI. GAZZ CHIM ITAL 70, 95 (1940)

POTASSIUM CHLORATE IN WATER AT 25 DEGREES C

TEMP	MS	MO	NU	NU+	NU-	Z+	Z-
25.000	122.550	18.015	2.0	1.0	1.0	1.0	-1.0

CONCENTRATION

	DENSITY
2.00100E-03	9.97230E-01
5.00000E-03	9.97448E-01
1.00000E-02	9.97830E-01
2.00010E-02	9.98596E-01
5.00000E-02	1.00089E+00
1.00000E-01	1.00469E+00

JONES $ TALLEY. JACS 55, 624 (1933)

CONCENTRATION

	DENSITY
1.00000E-04	9.97078E-01
2.00000E-04	9.97084E-01
5.00000E-04	9.97113E-01
1.00000E-03	9.97150E-01
2.00000E-03	9.97224E-01
5.00000E-03	9.97456E-01
1.00000E-02	9.97840E-01
2.00000E-02	9.98601E-01
5.00000E-02	1.00090E+00
1.00000E-01	1.00470E+00
2.00000E-01	1.01228E+00
5.00000E-01	1.03479E+00

JONES $ RAY. JACS 63, 288 (1941)

CONCENTRATION

	RELATIVE VISCOSITY
2.00100E-03	1.00017E+00
5.00000E-03	1.00021E+00
1.00000E-02	1.00017E+00
2.00010E-02	1.00011E+00
5.00000E-02	9.99570E-01
1.00000E-01	9.98500E-01

JONES $ TALLEY. JACS 55, 624 (1933)

POTASSIUM PERCHLORATE IN WATER AT 25 DEGREES C

TEMP	MS	MO	NU	NU+	NU-	Z+	Z-
25.000	138.550	18.015	2.0	1.0	1.0	1.0	-1.0

CONCENTRATION	DIFFUSION COEFFICIENT
-0.	1.87300E-05
1.20000E-03	1.84300E-05
1.80000E-03	1.84200E-05
2.30000E-03	1.83900E-05
3.40000E-03	1.83200E-05
4.90000E-03	1.82900E-05
6.30000E-03	1.82500E-05
7.50000E-03	1.81300E-05
8.40000E-03	1.81400E-05
9.70000E-03	1.79200E-05

HARNED, PARKER $ BLANDER. JACS 77, 2071 (1955)

POTASSIUM CHROMATE IN WATER AT 0 DEGREES C

TEMP	MS	MO	NU	NU+	NU-	Z+	Z-
-0.	194.200	18.015	3.0	2.0	1.0	1.0	-2.0

CONCENTRATION	DENSITY
5.00000E-04	9.99950E-01
1.00000E-03	1.00003E+00
2.00000E-03	1.00019E+00
5.00000E-03	1.00070E+00
1.00000E-02	1.00155E+00
2.00000E-02	1.00315E+00
5.00000E-02	1.00799E+00
1.00000E-01	1.01593E+00
2.00000E-01	1.03181E+00
5.04656E-01	1.07814E+00
1.00780E+00	1.15149E+00
2.01707E+00	1.28991E+00
2.54422E+00	1.35890E+00

JONES $ COLVIN. JACS 62, 338 (1940)

CONCENTRATION	RELATIVE VISCOSITY
5.00000E-04	1.00025E+00
1.00000E-03	1.00032E+00
2.00000E-03	1.00046E+00
5.00000E-03	1.00070E+00
1.00000E-02	1.00090E+00
2.00000E-02	1.00122E+00
5.00000E-02	1.00157E+00
1.00000E-01	1.00223E+00
2.00000E-01	1.00496E+00
5.04656E-01	1.02536E+00
1.00780E+00	1.09270E+00
1.94868E+00	1.32130E+00
2.01707E+00	1.33989E+00
2.54422E+00	1.54108E+00

JONES $ COLVIN. JACS 62, 338 (1940)

POTASSIUM CHROMATE IN WATER AT 25 DEGREES C

TEMP	MS	MO	NU	NU+	NU-	Z+	Z-
25.000	194.200	18.015	3.0	2.0	1.0	1.0	-2.0

CONCENTRATION

	DENSITY
5.00000E-04	9.97160E-01
1.00000E-03	9.97230E-01
2.00000E-03	9.97390E-01
5.00000E-03	9.97860E-01
1.00000E-02	9.98630E-01
2.00000E-02	1.00018E+00
5.00000E-02	1.00481E+00
1.00000E-01	1.01236E+00
2.00000E-01	1.02753E+00
5.01780E-01	1.07199E+00
1.00050E+00	1.14316E+00
1.99920E+00	1.27891E+00
2.52209E+00	1.34708E+00

JONES $ COLVIN. JACS 62, 338 (1940)

CONCENTRATION

	RELATIVE VISCOSITY
5.00000E-04	1.00036E+00
1.00000E-03	1.00053E+00
2.00000E-03	1.00090E+00
5.00000E-03	1.00170E+00
1.00000E-02	1.00284E+00
2.00000E-02	1.00492E+00
5.00000E-02	1.01062E+00
1.00000E-01	1.01940E+00
2.00000E-01	1.03732E+00
5.01780E-01	1.09457E+00
1.00050E+00	1.20946E+00
1.99920E+00	1.53171E+00
2.52209E+00	1.76931E+00

JONES $ COLVIN. JACS 62, 338 (1940)

POTASSIUM FERRICYANIDE IN WATER AT 25 DEGREES C

TEMP	MS	MO	NU	NU+	NU-	Z+	Z-
25.000	329.260	18.015	4.0	3.0	1.0	1.0	-3.0

CONCENTRATION

	DENSITY
3.30000E-05	9.97080E-01
6.70000E-05	9.97085E-01

1.67000E-04	9.97102E-01
3.33000E-04	9.97130E-01
6.67000E-04	9.97190E-01
1.66700E-03	9.97374E-01
3.33000E-03	9.97675E-01
6.67000E-03	9.98279E-01
1.66700E-02	1.00008E+00
3.33300E-02	1.00304E+00
6.66700E-02	1.00894E+00
1.66670E-01	1.02636E+00
3.33330E-01	1.05485E+00
6.66670E-01	1.11031E+00
1.00000E+00	1.16413E+00
1.16667E+00	1.19050E+00

JONES $ RAY. JACS 63, 288 (1941)

CONCENTRATION

	EQUIVALENT CONDUCTANCE
3.52300E-02	1.28400E+02
4.69600E-02	1.23700E+02
6.26500E-02	1.20600E+02
8.35200E-02	1.18000E+02
1.11360E-01	1.14300E+02
1.48460E-01	1.11400E+02
1.97940E-01	1.08000E+02
2.51400E-01	1.05000E+02
2.63890E-01	1.04700E+02
3.51890E-01	1.01700E+02
5.02820E-01	9.93000E+01
7.97270E-01(sic)	9.64000E+01
7.11000E-01	9.61000E+01
9.48300E-01	9.42000E+01
1.06320E+00(sic)	9.34000E+01
1.00540E+00	9.26000E+01
1.26430E+00	9.13000E+01
1.41700E+00	9.00000E+01
1.34070E+00(sic)	8.99000E+01
1.68580E+00	8.74000E+01
1.88870E+00	8.60000E+01
2.24790E+00	8.36000E+01
2.99670E+00	7.70000E+01

CALVERT, CORNELIUS, GRIFFITHS $ STOCK. J PHYS CHEM 62, 47 (1958)

NORMALITY

	TRANSFERENCE NUMBER
1.00000E-02	4.31500E-01
5.00000E-02	4.38400E-01
1.00000E-01	4.40600E-01

KAIMAKOV $ VERSHAVSKAYA. USP KHIM 35, 201 (1966)

MOLALITY

	GAMMA
1.00000E-01	2.68000E-01
2.00000E-01	2.12000E-01
3.00000E-01	1.84000E-01
4.00000E-01	1.67000E-01
5.00000E-01	1.55000E-01
6.00000E-01	1.46000E-01
7.00000E-01	1.40000E-01

8.00000E-01	1.35000E-01
9.00000E-01	1.31000E-01
1.00000E+00	1.28000E-01
1.20000E+00	1.24000E-01
1.40000E+00	1.22000E-01

ROBINSON $ STOKES. ELECTROLYTE SOLUTIONS, 2ND ED (REV) (1959)

POTASSIUM FERROCYANIDE IN WATER AT 0 DEGREES C

TEMP	MS	MO	NU	NU+	NU-	Z+	Z-
-0.	368.360	18.015	5.0	4.0	1.0	1.0	-4.0

CONCENTRATION

	DENSITY
-0.	9.99870E-01
1.00000E-03	1.00020E+00
2.00200E-03	1.00040E+00
5.00500E-03	1.00120E+00
9.96800E-03	1.00252E+00
2.00370E-02	1.00516E+00
5.00910E-02	1.01285E+00
1.00224E-01	1.02535E+00
2.00532E-01	1.04980E+00

JONES $ STAUFFER. JACS 58, 2558 (1936)

CONCENTRATION

	RELATIVE VISCOSITY
2.00000E-04	1.00053E+00
3.50000E-04	1.00060E+00
5.00000E-04	1.00090E+00
7.50000E-04	1.00096E+00
1.00000E-03	1.00120E+00
2.00000E-03	1.00164E+00
5.00000E-03	1.00255E+00
1.00000E-02	1.00376E+00
2.00000E-02	1.00554E+00
5.00000E-02	1.01010E+00
1.00000E-01	1.01803E+00
2.00000E-01	1.03903E+00

JONES $ STAUFFER. JACS 58, 2558 (1936)

CONCENTRATION

	MOLAR CONDUCTANCE
1.00000E-03	3.21000E+02
2.00000E-03	2.98010E+02
5.00000E-03	2.64830E+02
1.00000E-02	2.40340E+02
2.00000E-02	2.18230E+02
4.77000E-02	1.95260E+02
1.00000E-01	1.81080E+02
2.00000E-01	1.71960E+02

JONES $ JELEN. JACS 58, 2561 (1936)

POTASSIUM FERROCYANIDE IN WATER AT 25 DEGREES C

TEMP	MS	MO	NU	NU+	NU-	Z+	Z-
25.000	368.360	18.015	5.0	4.0	1.0	1.0	-4.0

CONCENTRATION

	DENSITY
-0.	9.97070E-01
9.97000E-04	9.97376E-01
1.99500E-03	9.97562E-01
4.97200E-03	9.98308E-01
9.93800E-03	9.99556E-01
1.97680E-02	1.00198E+00
1.99750E-02	1.00208E+00
4.99260E-02	1.00932E+00
9.92120E-02	1.02111E+00
9.98220E-02	1.02125E+00
1.99543E-01	1.04463E+00
1.99588E-01	1.04468E+00
1.98806E-01	1.04432E+00
4.99582E-01	1.11255E+00

JONES $ STAUFFER. JACS 58, 2558 (1936)

CONCENTRATION

	DENSITY
5.00000E-05	9.97087E-01
1.00000E-04	9.97095E-01
2.00000E-04	9.97128E-01
5.00000E-04	9.97200E-01
1.00000E-03	9.97325E-01
2.00000E-03	9.97582E-01
5.00000E-03	9.98340E-01
1.00000E-02	9.99581E-01
2.00000E-02	1.00205E+00
5.00000E-02	1.00936E+00
9.94000E-02	1.02120E+00
1.98810E-01	1.04452E+00
5.00580E-01	1.11284E+00

JONES $ RAY. JACS 63, 288 (1941)

CONCENTRATION

	RELATIVE VISCOSITY
2.00000E-04	1.00053E+00
3.50000E-04	1.00079E+00
5.00000E-04	1.00103E+00
7.50000E-04	1.00138E+00
1.00000E-03	1.00163E+00
2.00000E-03	1.00244E+00
5.00000E-03	1.00451E+00
1.00000E-02	1.00744E+00
2.00000E-02	1.01255E+00
5.00000E-02	1.02632E+00
1.00000E-01	1.04839E+00
2.00000E-01	1.09414E+00
5.00000E-01	1.26347E+00

JONES $ STAUFFER. JACS 58, 2558 (1936)

CONCENTRATION	EQUIVALENT CONDUCTANCE
3.97600E-02	1.13600E+02
4.54500E-02	1.09700E+02
1.59040E-01	9.29000E+01
1.81820E-01	9.11000E+01
3.17980E-01	8.57000E+01
3.63610E-01	8.38000E+01
4.24060E-01	8.30000E+01
5.65350E-01	8.05000E+01
7.27270E-01	7.88000E+01
1.13061E+00	7.50000E+01
1.29322E+00	7.44000E+01
1.50725E+00	7.32000E+01
1.72397E+00	7.19000E+01
2.01016E+00	7.06000E+01
2.29886E+00	6.93000E+01
2.68042E+00	6.74000E+01

CALVERT, CORNELIUS, GRIFFITHS $ STOCK. J PHYS CHEM 62, 47 (1958)

CONCENTRATION	MOLAR CONDUCTANCE
2.50000E-04	6.68940E+02
3.60000E-04	6.53520E+02
5.00000E-04	6.38040E+02
7.50000E-04	6.15110E+02
1.00000E-03	5.98330E+02
2.00000E-03	5.54180E+02
5.00000E-03	4.91290E+02
1.00000E-02	4.45280E+02
2.00000E-02	4.03720E+02
4.75000E-02	3.60450E+02
1.00000E-01	3.32010E+02
2.00000E-01	3.10900E+02
5.00000E-01	2.82630E+02

JONES $ JELEN. JACS 58, 2561 (1936)

NORMALITY	TRANSFERENCE NUMBER
0.	3.97000E-01
2.00000E-03	4.45000E-01
5.00000E-03	4.85000E-01
1.00000E-02	5.15000E-01
2.00000E-02	5.55000E-01
5.00000E-02	6.04000E-01
1.00000E-01	6.47000E-01

PRIDEAUX. J CHEM SOC. 1944, P. 606

CONCENTRATION	DIFFUSION COEFFICIENT
-0.	1.47300E-05
2.69000E-03	1.21800E-05
3.84000E-03	1.19700E-05
3.96000E-03	1.19800E-05
4.74000E-03	1.18300E-05
5.56000E-03	1.17800E-05

HARNED $ HUDSON. JACS 73, 5083 (1951)

MOLALITY

	GAMMA
1.00000E-01	1.39000E-01
2.00000E-01	9.93000E-02
3.00000E-01	8.08000E-02
4.00000E-01	6.93000E-02
5.00000E-01	6.14000E-02
6.00000E-01	5.56000E-02
7.00000E-01	5.12000E-02
8.00000E-01	4.79000E-02
9.00000E-01	4.54000E-02

ROBINSCN $ STOKES. ELECTROLYTE SOLUTIONS, 2ND ED (REV) (1959)

POTASSIUM DIHYDROGEN PHOSPHATE IN WATER AT 25 DEGREES C

TEMP	MS	MO	NU	NU+	NU-	Z+	Z-
25.000	136.090	18.015	2.0	1.0	1.0	1.0	-1.0

CONCENTRATION

	DENSITY
4.00000E-03	9.97680E-01
5.00000E-03	9.97760E-01
6.00000E-03	9.97860E-01
7.00000E-03	9.97960E-01
9.00000E-03	9.98060E-01
1.00000E-02	9.97760E-01 (sic)
2.00000E-02	9.98720E-01
3.00000E-02	1.00010E+00
4.00000E-02	1.00100E+00
5.00000E-02	1.00210E+00
6.00000E-02	1.00300E+00
7.00000E-02	1.00380E+00
8.00000E-02	1.00490E+00
9.00000E-02	1.00570E+00
1.00000E-01	1.00620E+00
2.00000E-01	1.01610E+00
3.00000E-01	1.02520E+00
4.00000E-01	1.03440E+00
6.00000E-01	1.05230E+00
8.00000E-01	1.06960E+00
9.00000E-01	1.07770E+00
1.00000E+00	1.08700E+00

MASON $ CULVERN. JACS 71, 2387 (1949)

CONCENTRATION

	EQUIVALENT CONDUCTANCE
1.00000E-03	1.07091E+02
1.40100E-03	1.06868E+02
2.00000E-03	1.04565E+02
2.56400E-03	1.02804E+02
4.00000E-03	1.01585E+02
5.00000E-03	1.00788E+02

6.00000E-03	9.99020E+01
7.00000E-03	9.92910E+01
8.00000E-03	9.89140E+01
9.00000E-03	9.83620E+01
1.00000E-02	9.80030E+01
2.00000E-02	9.49030E+01
3.00000E-02	9.26820E+01
4.00000E-02	9.11070E+01
5.00000E-02	9.07040E+01
6.00000E-02	8.84820E+01
7.00000E-02	8.83950E+01
8.00000E-02	8.64800E+01
9.00000E-02	8.63690E+01
1.00000E-01	8.56410E+01
2.00000E-01	7.92790E+01
3.00000E-01	7.51190E+01
4.00000E-01	7.18260E+01
5.33800E-01	6.82000E+01
6.00000E-01	6.66270E+01
7.00000E-01	6.40170E+01
8.00000E-01	6.20590E+01
9.00000E-01	6.01590E+01
1.00000E+00	5.85810E+01
1.14450E+00	5.64150E+01
1.88500E+00	4.83910E+01

MASON $ CULVERN. JACS 71, 2387 (1949)

POTASSIUM IODIDE IN WATER AT 25 DEGREES C

TEMP	MS	MO	NU	NU+	NU-	Z+	Z-
25.000	166.010	18.015	2.0	1.0	1.0	1.0	-1.0

MOLALITY	DENSITY
9.77000E-02	1.00870E+00
1.09080E+00	1.12040E+00
2.15150E+00	1.22790E+00
3.22150E+00	1.32570E+00
4.07890E+00	1.39760E+00
5.48930E+00	1.50400E+00
6.07800E+00	1.54580E+00
7.53680E+00	1.63950E+00
8.57730E+00	1.70130E+00

LENGYEL, TAMAS, GIBER $ HOLDERITH. MAGY KEM FOLY 70, 66 (1964)

MOLALITY	VISCOSITY
9.77000E-02	8.83400E-01
1.09080E+00	8.30900E-01
2.15150E+00	8.10300E-01
3.22150E+00	8.08700E-01
4.07890E+00	8.18000E-01
5.48930E+00	8.55300E-01
6.07800E+00	8.81800E-01
7.53680E+00	9.44600E-01

8.57730E+00	1.00420E+00

LENGYEL, TAMAS, GIBER $ HOLDERITH. MAGY KEM FOLY 70, 66 (1964)

MOLALITY

	CONDUCTIVITY
5.00000E-02	6.81000E-03
1.00000E-01	1.30700E-02
2.50000E-01	3.08000E-02
5.00000E-01	5.87000E-02
1.00000E+00	1.12700E-01

KONDRATEV $ GORBACHEV. ZH FIZ KHIM 39, 2993 (1965)

CONCENTRATION

	EQUIVALENT CONDUCTANCE
1.04920E-02	1.42030E+02
1.23070E-02	1.41450E+02
1.54220E-02	1.40550E+02
1.99390E-02	1.39490E+02
2.43560E-02	1.38560E+02
5.62180E-02	1.34320E+02
6.80890E-02	1.33230E+02
8.43110E-02	1.32050E+02
1.39560E-01	1.29080E+02
1.46650E-01	1.28750E+02
1.75480E-01	1.27710E+02
2.26340E-01	1.26190E+02
3.68960E-01	1.23320E+02
4.93330E-01	1.21660E+02
6.51690E-01	1.20080E+02
7.21610E-01	1.19510E+02
9.77510E-01	1.17740E+02
1.23100E+00	1.16270E+02
1.65950E+00	1.14060E+02
2.08370E+00	1.11860E+02
2.34170E+00	1.10450E+02
2.78790E+00	1.07870E+02
2.93470E+00	1.06940E+02
3.64920E+00	1.01950E+02
4.19460E+00	9.76200E+01
4.65500E+00	9.33400E+01
5.50410E+00	8.53100E+01
5.69160E+00	8.34000E+01

CHAMBERS. J PHYS CHEM 62, 1136 (1958)

CONCENTRATION

	TRANSFERENCE NUMBER
1.00000E-02	4.88400E-01
2.00000E-02	4.88300E-01
5.00000E-02	4.88200E-01
1.00000E-01	4.88300E-01
2.00000E-01	4.88700E-01

LONGSWORTH. JACS 57, 1185 (1935)

CONCENTRATION

	DIFFUSION COEFFICIENT
0.	2.00100E-05
5.00000E-02	1.89100E-05
1.00000E-01	1.86500E-05

2.00000E-01	1.85900E-05
3.00000E-01	1.88400E-05
5.00000E-01	1.95500E-05
7.00000E-01	2.00100E-05
1.00000E+00	2.06500E-05
1.50000E+00	2.16600E-05
2.00000E+00	2.25400E-05
2.50000E+00	2.34700E-05
3.00000E+00	2.44000E-05
3.50000E+00	2.53300E-05

DUNLOF $ STOKES. JACS 73, 5456 (1951)

MOLALITY

	GAMMA
1.00000E-01	7.78000E-01
2.00000E-01	7.33000E-01
3.00000E-01	7.07000E-01
4.00000E-01	6.89000E-01
5.00000E-01	6.76000E-01
6.00000E-01	6.67000E-01
7.00000E-01	6.60000E-01
8.00000E-01	6.54000E-01
9.00000E-01	6.49000E-01
1.00000E+00	6.45000E-01
1.20000E+00	6.40000E-01
1.40000E+00	6.37000E-01
1.60000E+00	6.36000E-01
1.80000E+00	6.36000E-01
2.00000E+00	6.37000E-01
2.50000E+00	6.44000E-01
3.00000E+00	6.52000E-01
3.50000E+00	6.62000E-01
4.00000E+00	6.73000E-01
4.50000E+00	6.83000E-01

ROBINSON $ STOKES. ELECTROLYTE SOLUTIONS, 2ND ED (REV) (1959)

POTASSIUM NITRATE IN WATER AT 25 DEGREES C

TEMP	MS	MO	NU	NU+	NU-	Z+	Z-
25.000	101.110	18.015	2.0	1.0	1.0	1.0	-1.0

CONCENTRATION

	DENSITY
1.00000E-03	9.97134E-01
2.00000E-03	9.97200E-01
5.00000E-03	9.97390E-01
1.00040E-02	9.97709E-01
2.00000E-02	9.98336E-01
5.00010E-02	1.00019E+00
1.00000E-01	1.00328E+00

JONES $ TALLEY. JACS 55, 624 (1933)

CONCENTRATION

RELATIVE VISCOSITY

1.00000E-03	1.00012E+00
2.00000E-03	1.00013E+00
5.00000E-03	1.00012E+00
1.00040E-02	9.99950E-01
2.00000E-02	9.99640E-01
5.00010E-02	9.98450E-01
1.00000E-01	9.96280E-01

JONES $ TALLEY. JACS 55, 624 (1933)

MOLALITY	CONDUCTIVITY
5.00000E-02	6.47000E-03
1.00000E-01	1.20700E-02
2.50000E-01	2.79000E-02
5.00000E-01	4.91000E-02
1.00000E+00	8.84000E-02

KONDRATEV $ GORBACHEV. ZH FIZ KHIM 39, 2993 (1965)

CONCENTRATION	EQUIVALENT CONDUCTANCE
-0.	1.44920E+02
6.98200E-05	1.44170E+02
1.76130E-04	1.43620E+02
3.88880E-04	1.42980E+02
5.86510E-04	1.42610E+02
8.68530E-04	1.41970E+02
1.21190E-03	1.41530E+02
1.64680E-03	1.40910E+02
2.42190E-03	1.40170E+02
3.67240E-03	1.39080E+02

SHEDLOVSKY. JACS 54, 1411 (1932)

CONCENTRATION	MOLAR CONDUCTANCE
1.00000E-04	1.44020E+02
2.00000E-04	1.43530E+02
5.00000E-04	1.42730E+02
1.00000E-03	1.41800E+02
2.00000E-03	1.40540E+02
5.00000E-03	1.38440E+02
1.00000E-02	1.35780E+02
2.00000E-02	1.32370E+02
5.00000E-02	1.26270E+02
7.00000E-02	1.23520E+02
1.00000E-01	1.20360E+02
0.	1.44920E+02

SHEDLOVSKY. JACS 54, 1411 (1932)

CONCENTRATION	EQUIVALENT CONDUCTANCE
1.00000E-01	1.20380E+02

MAC INNES $ COWPERTHWAITE. TRANS FARADAY SOC 23, 400 (1927)

CONCENTRATION	TRANSFERENCE NUMBER
1.00000E-01	5.12500E-01

MAC INNES, COWPERTHWAITE $ BLANCHARD. JACS 48, 1909 (1926)

CONCENTRATION

	TRANSFERENCE NUMBER
1.00000E-01	5.12800E-01

MAC INNES $ COWPERTHWAITE. TRANS FARADAY SOC 23, 400 (1927)

CONCENTRATION

	TRANSFERENCE NUMBER
1.00000E-02	5.08400E-01
2.00000E-02	5.08700E-01
5.00000E-02	5.09300E-01
1.00000E-01	5.10300E-01
2.00000E-01	5.12000E-01

LONGSWORTH. JACS 57, 1185 (1935)

CONCENTRATION

	DIFFUSION COEFFICIENT
9.04000E-04	1.90200E-05
1.21000E-03	1.89400E-05
1.63000E-03	1.88700E-05
2.21000E-03	1.89100E-05
2.59000E-03	1.87300E-05
2.68000E-03	1.87800E-05
4.03000E-03	1.86900E-05
4.52000E-03	1.86800E-05
5.03000E-03	1.87700E-05
5.15000E-03	1.85700E-05
5.38000E-03	1.87200E-05
6.00000E-03	1.86800E-05
7.28000E-03	1.85600E-05
8.68000E-03	1.84700E-05
9.19000E-03	1.85500E-05

HARNED $ HUDSON. JACS 73, 652 (1951)

MOLALITY

	GAMMA
1.00000E-01	7.39000E-01
2.00000E-01	6.63000E-01
3.00000E-01	6.14000E-01
4.00000E-01	5.76000E-01
5.00000E-01	5.45000E-01
6.00000E-01	5.19000E-01
7.00000E-01	4.96000E-01
8.00000E-01	4.76000E-01
9.00000E-01	4.59000E-01
1.00000E+00	4.43000E-01
1.20000E+00	4.14000E-01
1.40000E+00	3.90000E-01
1.60000E+00	3.69000E-01
1.80000E+00	3.50000E-01
2.00000E+00	3.33000E-01
2.50000E+00	2.97000E-01
3.00000E+00	2.69000E-01
3.50000E+00	2.46000E-01

ROBINSON $ STOKES. ELECTROLYTE SOLUTIONS, 2ND ED (REV) (1959)

POTASSIUM NITRATE IN WATER AT 30 DEGREES C

TEMP	MS	MO	NU	NU+	NU-	Z+	Z-
30.000	101.110	18.015	2.0	1.0	1.0	1.0	-1.0

MOLALITY

	RELATIVE VISCOSITY
1.00000E+00	9.96800E-01
1.50000E+00	9.98600E-01
2.00000E+00	1.01000E+00
2.50000E+00	1.03300E+00
3.00000E+00	1.04900E+00
3.50000E+00	1.07500E+00
4.00000E+00	1.10500E+00
4.53100E+00	1.13700E+00

SURYANARAYANA $ VENKATESAN. ACTA CHIM ACAD SCI HUNG 17, 327 (1958)

MOLALITY

	CONDUCTIVITY
1.00000E+00	9.67000E-02
1.50000E+00	1.31400E-01
2.00000E+00	1.65000E-01
2.50000E+00	1.96000E-01
3.00000E+00	2.13600E-01
3.50000E+00	2.30600E-01
4.00000E+00	2.46900E-01

SURYANARAYANA $ VENKATESAN. ACTA CHIM ACAD SCI HUNG 17, 327 (1958)

POTASSIUM NITRATE IN WATER AT 35 DEGREES C

TEMP	MS	MO	NU	NU+	NU-	Z+	Z-
35.000	101.110	18.015	2.0	1.0	1.0	1.0	-1.0

MOLALITY

	RELATIVE VISCOSITY
1.00000E+00	9.88100E-01
1.50000E+00	1.00300E+00
2.00000E+00	1.01300E+00
2.50000E+00	1.04000E+00
3.00000E+00	1.06200E+00
3.50000E+00	1.08000E+00
4.00000E+00	1.11000E+00
5.34200E+00	1.13700E+00

SURYANARAYANA $ VENKATESAN. ACTA CHIM ACAD SCI HUNG 17, 327 (1958)

MOLALITY

	CONDUCTIVITY
1.00000E+00	1.05800E-01
1.50000E+00	1.43400E-01
2.00000E+00	1.76100E-01

2.50000E+00	2.01800E-01
3.00000E+00	2.24600E-01
3.50000E+00	2.43600E-01
4.00000E+00	2.59800E-01

SURYANARAYANA $ VENKATESAN. ACTA CHIM ACAD SCI HUNG 17, 327 (1958)

POTASSIUM NITRATE IN WATER AT 40 DEGREES C

TEMP	MS	MO	NU	NU+	NU-	Z+	Z-
40.000	101.110	18.015	2.0	1.0	1.0	1.0	-1.0

MOLALITY	RELATIVE VISCOSITY
1.00000E+00	1.00500E+00
1.50000E+00	1.02200E+00
2.00000E+00	1.03500E+00
2.50000E+00	1.06000E+00
3.00000E+00	1.08600E+00
3.50000E+00	1.10600E+00
4.00000E+00	1.14000E+00
6.32200E+00	1.29600E+00

SURYANARAYANA $ VENKATESAN. ACTA CHIM ACAD SCI HUNG 17, 327 (1958)

MOLALITY	CONDUCTIVITY
1.00000E+00	1.14000E-01
1.50000E+00	1.54900E-01
2.00000E+00	1.88700E-01
2.50000E+00	2.17600E-01
3.00000E+00	2.41200E-01
3.50000E+00	2.61200E-01
4.00000E+00	2.78300E-01

SURYANARAYANA $ VENKATESAN. ACTA CHIM ACAD SCI HUNG 17, 327 (1958)

POTASSIUM NITRATE IN WATER AT 45 DEGREES C

TEMP	MS	MO	NU	NU+	NU-	Z+	Z-
45.000	101.110	18.015	2.0	1.0	1.0	1.0	-1.0

MOLALITY	RELATIVE VISCOSITY
1.00000E+00	1.00700E+00
1.50000E+00	1.03100E+00
2.00000E+00	1.04700E+00
2.50000E+00	1.07200E+00
3.00000E+00	1.11200E+00
3.50000E+00	1.12800E+00
4.00000E+00	1.16100E+00
7.31900E+00	1.37900E+00

SURYANARAYANA $ VENKATESAN. ACTA CHIM ACAD SCI HUNG 17, 327 (1958)

MOLALITY	CONDUCTIVITY
1.00000E+00	1.22800E-01
1.50000E+00	1.66700E-01
2.00000E+00	2.01800E-01
2.50000E+00	2.31600E-01
3.00000E+00	2.57500E-01
3.50000E+00	2.80100E-01
4.00000E+00	2.96500E-01

SURYANARAYANA $ VENKATESAN. ACTA CHIM ACAD SCI HUNG 17, 327 (1958)

POTASSIUM NITRATE IN WATER AT 50 DEGREES C

TEMP	MS	MO	NU	NU+	NU-	Z+	Z-
50.000	101.110	18.015	2.0	1.0	1.0	1.0	-1.0

MOLALITY	RELATIVE VISCOSITY
1.00000E+00	1.01700E+00
1.50000E+00	1.04000E+00
2.00000E+00	1.06300E+00
2.50000E+00	1.08800E+00
3.00000E+00	1.12300E+00
3.50000E+00	1.14800E+00
4.00000E+00	1.18100E+00
8.45900E+00	1.50600E+00

SURYANARAYANA $ VENKATESAN. ACTA CHIM ACAD SCI HUNG 17, 327 (1958)

MOLALITY	CONDUCTIVITY
1.00000E+00	1.31500E-01
1.50000E+00	1.78900E-01
2.00000E+00	2.15800E-01
2.50000E+00	2.46900E-01
3.00000E+00	2.74800E-01
3.50000E+00	2.96800E-01
4.00000E+00	3.15600E-01

SURYANARAYANA $ VENKATESAN. ACTA CHIM ACAD SCI HUNG 17, 327 (1958)

POTASSIUM NITRATE IN WATER AT 55 DEGREES C

TEMP	MS	MO	NU	NU+	NU-	Z+	Z-
55.000	101.110	18.015	2.0	1.0	1.0	1.0	-1.0

MOLALITY	RELATIVE VISCOSITY

1.00000E+00	1.02500E+00
1.50000E+00	1.04800E+00
2.00000E+00	1.07400E+00
2.50000E+00	1.09800E+00
3.00000E+00	1.13400E+00
3.50000E+00	1.16200E+00
4.00000E+00	1.19900E+00
9.69400E+00	1.64300E+00

SURYANARAYANA $ VENKATESAN. ACTA CHIM ACAD SCI HUNG 17, 327 (1958)

MOLALITY

	CONDUCTIVITY
1.00000E+00	1.39700E-01
1.50000E+00	1.88800E-01
2.00000E+00	2.29300E-01
2.50000E+00	2.61600E-01
3.00000E+00	2.91300E-01
3.50000E+00	3.14900E-01
4.00000E+00	3.33800E-01

SURYANARAYANA $ VENKATESAN. ACTA CHIM ACAD SCI HUNG 17, 327 (1958)

POTASSIUM HYDROXIDE IN WATER AT 25 DEGREES C

TEMP	MS	MO	NU	NU+	NU-	Z+	Z-
25.000	56.110	18.015	2.0	1.0	1.0	1.0	-1.0

MASS FRACTION

	DENSITY
4.06170E-02	1.03362E+00
6.99100E-02	1.06021E+00
9.63400E-02	1.08467E+00
1.24200E-01	1.11070E+00
1.53020E-01	1.13815E+00
1.81340E-01	1.16559E+00
2.10460E-01	1.19415E+00
2.49900E-01	1.23377E+00
2.88630E-01	1.27357E+00
3.36480E-01	1.32405E+00
3.79630E-01	1.37086E+00
4.33070E-01	1.43060E+00

TAMAS. ACTA CHIM ACAD SCI HUNG 40, 117 (1964)

MOLALITY

	GAMMA
2.00200E+01	6.75000E+01
1.89400E+01	4.88000E+01
1.62300E+01	2.87000E+01
1.29960E+01	1.41000E+01
1.00400E+01	6.70000E+00
7.05600E+00	3.00000E+00
4.03700E+00	1.37000E+00
2.05000E+00	8.75000E-01
1.02200E+00	7.60000E-01
5.02000E-01	7.37000E-01

9.90000E-02	7.92000E-01

SHIBATA $ MURATA. NIPPON KAGAKU ZASSHI 52, 645 (1931)

MOLALITY

	GAMMA
1.00000E-01	7.76000E-01
2.00000E-01	7.39000E-01
3.00000E-01	7.21000E-01
4.00000E-01	7.13000E-01
5.00000E-01	7.12000E-01
6.00000E-01	7.12000E-01
7.00000E-01	7.15000E-01
8.00000E-01	7.21000E-01
9.00000E-01	7.28000E-01
1.00000E+00	7.35000E-01
1.20000E+00	7.54000E-01
1.40000E+00	7.78000E-01
1.60000E+00	8.04000E-01
1.80000E+00	8.32000E-01
2.00000E+00	8.63000E-01
2.50000E+00	9.47000E-01
3.00000E+00	1.05100E+00
3.50000E+00	1.18100E+00
4.00000E+00	1.31400E+00
4.50000E+00	1.49000E+00
5.00000E+00	1.67000E+00
5.50000E+00	1.90000E+00
6.00000E+00	2.14000E+00

ROBINSON $ STOKES. ELECTROLYTE SOLUTIONS, 2ND ED (REV) (1959)

MOLALITY

	GAMMA
7.00000E+00	2.80000E+00
8.00000E+00	3.66000E+00
9.00000E+00	4.72000E+00
1.00000E+01	6.05000E+00
1.10000E+01	7.87000E+00
1.20000E+01	1.02000E+01
1.30000E+01	1.28000E+01
1.40000E+01	1.54000E+01
1.50000E+01	1.91000E+01
1.60000E+01	2.39000E+01

ROBINSON $ STOKES. ELECTROLYTE SOLUTIONS, 2ND ED (REV) (1959)

POTASSIUM PHOSPHATE IN WATER AT 25 DEGREES C

TEMP	MS	MO	NU	NU+	NU-	Z+	Z-
25.000	212.280	18.015	4.0	3.0	1.0	1.0	-3.0

CONCENTRATION

	RELATIVE DENSITY
5.65000E-02	1.00534E+00
1.07400E-01	1.01010E+00
1.60800E-01	1.01508E+00

2.42300E-01	1.02238E+00
3.50300E-01	1.03247E+00
5.03400E-01	1.04620E+00
6.75300E-01	1.06157E+00
9.28900E-01	1.08386E+00
1.23130E+00	1.10967E+00

DRUCKER. ARKIV KEMI MIN GEOL 22A, NO. 21, 17 PP (1946)

CONCENTRATION

	RELATIVE VISCOSITY
5.65000E-02	1.01610E+00
1.07400E-01	1.03020E+00
1.60800E-01	1.04510E+00
2.42300E-01	1.06810E+00
3.50300E-01	1.10160E+00
5.03400E-01	1.15040E+00
6.75300E-01	1.20910E+00
9.28900E-01	1.30310E+00
1.23130E+00	1.42970E+00

DRUCKER. ARKIV KEMI MIN GEOL 22A, NO. 21, 17 PP (1946)

POTASSIUM THIOCYANATE IN WATER AT 25 DEGREES C

TEMP	MS	MO	NU	NU+	NU-	Z+	Z-
25.000	97.180	18.015	2.0	1.0	1.0	1.0	-1.0

CONCENTRATION

	DENSITY
2.00000E-04	9.97086E-01
5.00000E-04	9.97105E-01
1.00000E-03	9.97125E-01
2.00000E-03	9.97170E-01
5.00000E-03	9.97310E-01
1.00000E-02	9.97548E-01
2.00000E-02	9.98025E-01
5.00000E-02	9.99444E-01
1.00000E-01	1.00180E+00
2.00000E-01	1.00647E+00
5.00000E-01	1.02037E+00
9.99370E-01	1.04316E+00
2.00000E+00	1.08786E+00
4.99412E+00	1.21627E+00

JONES $ RAY. JACS 63, 288 (1941)

POTASSIUM SULFATE IN WATER AT 0 DEGREES C

TEMP	MS	MO	NU	NU+	NU-	Z+	Z-
-0.	174.270	18.015	3.0	2.0	1.0	1.0	-2.0

CONCENTRATION	DENSITY
5.00000E-04	9.99930E-01
1.00000E-03	1.00001E+00
2.00000E-03	1.00015E+00
5.00000E-03	1.00061E+00
1.00000E-02	1.00137E+00
2.00000E-02	1.00284E+00
5.00000E-02	1.00724E+00
1.01044E-01	1.01463E+00
2.00830E-01	1.02876E+00
3.01380E-01	1.04270E+00

JONES $ COLVIN. JACS 62, 338 (1940)

CONCENTRATION	RELATIVE VISCOSITY
5.00000E-04	1.00028E+00
1.00000E-03	1.00040E+00
2.00000E-03	1.00061E+00
5.00000E-03	1.00101E+00
1.00000E-02	1.00157E+00
2.00000E-02	1.00241E+00
5.00000E-02	1.00441E+00
1.01044E-01	1.00795E+00
2.00830E-01	1.01614E+00
3.01380E-01	1.03040E+00

JONES $ COLVIN. JACS 62, 338 (1940)

POTASSIUM SULFATE IN WATER AT 25 DEGREES C

TEMP	MS	MO	NU	NU+	NU-	Z+	Z-
25.000	174.270	18.015	3.0	2.0	1.0	1.0	-2.0

CONCENTRATION	DENSITY
5.00000E-04	9.97150E-01
1.00000E-03	9.97230E-01
2.00000E-03	9.97360E-01
5.00000E-03	9.97790E-01
1.00000E-02	9.98500E-01
2.00000E-02	9.99900E-01
5.00000E-02	1.00407E+00
1.00000E-01	1.01094E+00
2.00000E-01	1.02443E+00
3.00000E-01	1.03774E+00
5.00000E-01	1.06386E+00

JONES $ COLVIN. JACS 62, 338 (1940)

CONCENTRATION	RELATIVE DENSITY
2.50000E-03	1.00036E+00
4.99000E-03	1.00071E+00
9.99000E-03	1.00141E+00
3.99500E-02	1.00560E+00

7.83000E-02	1.01095E+00
8.98900E-02	1.01250E+00

KAMINSKY. Z PHYSIK CHEM NF 12, 206 (1957)

CONCENTRATION

	DENSITY
1.00000E-04	9.97088E-01
2.00000E-04	9.97100E-01
5.00000E-04	9.97140E-01
1.00000E-03	9.97202E-01
2.00000E-03	9.97349E-01
5.00000E-03	9.97773E-01
1.00000E-02	9.98478E-01
2.00000E-02	9.99880E-01
5.00000E-02	1.00404E+00
9.99650E-02	1.01089E+00
2.00075E-01	1.02441E+00
5.00710E-01	1.06392E+00

JONES $ RAY. JACS 59, 187 (1937)

NORMALITY

	DENSITY
8.80000E-02	1.00330E+00
3.48000E-01	1.02120E+00
5.27000E-01	1.03350E+00
8.10000E-01	1.05200E+00
1.10300E+00	1.07120E+00
1.34000E+00	1.08640E+00

TRIMBLE. J AM CHEM SOC 44, 451 (1922)

NORMALITY

	DENSITY
4.74000E-01	1.02800E+00
7.20000E-01	1.04500E+00
1.11400E+00	1.07000E+00
1.36200E+00	1.08600E+00

EZROKHI. ZHUR PRIKLAD KHIM 25, 838 (1952)

NORMALITY

	RELATIVE VISCOSITY
4.74000E-01	1.05200E+00
7.20000E-01	1.08300E+00
1.11400E+00	1.13300E+00
1.36200E+00	1.16400E+00

EZROKHI. ZHUR PRIKLAD KHIM 25, 838 (1952)

NORMALITY

	RELATIVE VISCOSITY
1.00000E-02	1.00290E+00
5.00000E-02	1.01260E+00
1.00100E-01	1.02440E+00
2.00000E-01	1.04500E+00
3.00000E-01	1.06850E+00

SULSTON. PROC PHYS SOC (LONDON) 47, 657 (1935)

CONCENTRATION

	RELATIVE VISCOSITY
5.00000E-04	1.00039E+00
1.00000E-03	1.00062E+00
2.00000E-03	1.00103E+00
5.00000E-03	1.00198E+00
1.00000E-02	1.00334E+00
2.00000E-02	1.00586E+00
5.00000E-02	1.01281E+00
1.00000E-01	1.02380E+00
2.00000E-01	1.04535E+00
3.00000E-01	1.06760E+00
5.00000E-01	1.11470E+00

JONES $ COLVIN. JACS 62, 338 (1940)

MOLALITY

	RELATIVE VISCOSITY
1.00000E-01	1.02100E+00
2.00000E-01	1.04300E+00
3.00000E-01	1.06500E+00
4.00000E-01	1.08800E+00
5.00000E-01	1.11000E+00
6.00000E-01	1.13400E+00
6.97000E-01	1.15700E+00

TANAKA. NIPPON KAGAKU ZASSHI 83, 645 (1962)

CONCENTRATION

	RELATIVE VISCOSITY
2.50000E-03	1.00116E+00
4.99000E-03	1.00192E+00
9.99000E-03	1.00329E+00
3.99500E-02	1.01047E+00
7.83000E-02	1.01912E+00
8.98900E-02	1.02171E+00

KAMINSKY. Z PHYSIK CHEM NF 12, 206 (1957)

NORMALITY

	EQUIVALENT CONDUCTANCE
1.13380E-04	1.51350E+02
1.44640E-04	1.51140E+02
1.56070E-04	1.51000E+02
2.24720E-04	1.50430E+02
2.34190E-04	1.50400E+02
2.79030E-04	1.50110E+02
3.34000E-04	1.49780E+02
3.55730E-04	1.49630E+02
4.47750E-04	1.49120E+02
4.50790E-04	1.49150E+02
6.32380E-04	1.48310E+02
6.48410E-04	1.48300E+02
6.60400E-04	1.48160E+02
9.13290E-04	1.47260E+02
9.96510E-04	1.46910E+02
1.13090E-03	1.46600E+02

JENKINS $ MONK. J AM CHEM SOC 72, 2695 (1950)

MOLALITY

	CONDUCTIVITY
2.08100E-03	5.82880E-04

3.06260E-03	8.38660E-04
3.70230E-03	1.00730E-03
4.11240E-03	1.11380E-03
5.63390E-03	1.49880E-03
8.07550E-03	2.09280E-03
2.93330E-02	6.79430E-03
4.18790E-02	9.34110E-03
4.73410E-02	1.04216E-02
5.97380E-02	1.28110E-02
6.40030E-02	1.36060E-02
7.33930E-02	1.53586E-02
9.53040E-02	1.93300E-02
1.14870E-01	2.27480E-02
1.46260E-01	2.81200E-02
1.69450E-01	3.19690E-02
1.83710E-01	3.42940E-02
2.10450E-01	3.85660E-02
2.24300E-01	4.07490E-02
2.42580E-01	4.35910E-02
2.53900E-01	4.53300E-02
2.69090E-01	4.76560E-02
2.81970E-01	4.96260E-02
3.04410E-01	5.29730E-02
3.32050E-01	5.70940E-02
3.41990E-01	5.85100E-02
4.17080E-01	6.92780E-02

INDELLI. RICERCA SCI 23, 2258 (1953)

NORMALITY	EQUIVALENT CONDUCTANCE
2.00000E-04	1.50600E+02
5.00000E-04	1.49000E+02
1.00000E-03	1.47100E+02
2.00000E-03	1.44500E+02
5.00000E-03	1.39200E+02
1.00000E-02	1.34000E+02
2.00000E-02	1.27500E+02
5.00000E-02	1.17750E+02
1.00000E-01	1.09250E+02
2.00000E-01	1.01150E+02
5.00000E-01	8.96000E+01
7.00000E-01	8.50000E+01
1.00000E+00	8.15000E+01
1.30000E+00	7.72500E+01

FEDOROFF. ANN DE CHIMIE,SER 11, 16, 154 (1941)

NORMALITY	EQUIVALENT CONDUCTANCE
1.00000E-03	1.48000E+02
5.00000E-03	1.39400E+02
1.00000E-02	1.34200E+02
2.00000E-02	1.28100E+02
5.00000E-02	1.18000E+02
9.99300E-02	1.09700E+02

CLEWS. PROC PHYS SOC (LONDON) 46, 764 (1934)

NORMALITY	EQUIVALENT CONDUCTANCE
5.00000E-04	1.50200E+02

CLEWS. PROC PHYS SOC (LONDON) 47, 818 (1935)

NORMALITY

	EQUIVALENT CONDUCTANCE
2.60100E-05	1.53300E+02
9.98000E-05	1.52300E+02
2.20800E-04	1.51300E+02
5.88500E-04	1.49100E+02
8.08200E-05	1.52500E+02
1.22300E-04	1.52000E+02
1.76900E-04	1.51600E+02
3.09400E-04	1.50600E+02
2.00700E-05	1.53400E+02
1.22500E-04	1.52000E+02
3.92800E-04	1.50100E+02
4.84400E-04	1.49600E+02
2.50000E-03	1.43700E+02

HARTLEY $ DONALDSON. TRANS FARADAY SOC 33, 457 (1937)

NORMALITY

	TRANSFERENCE NUMBER
2.50000E-03	4.78900E-01
5.00000E-03	4.81800E-01
1.00000E-02	4.82900E-01
2.00000E-02	4.84800E-01
5.00000E-02	4.87000E-01
1.00000E-01	4.89000E-01
2.00000E-01	4.91000E-01
5.00000E-01	4.90900E-01

HARTLEY $ DONALDSON. TRANS FARADAY SOC 33, 457 (1937)

G/100 G OF SOLVENT

	DIFFUSION COEFFICIENT
1.74000E-01	1.33000E-05
3.42000E-01	1.29400E-05
1.01700E+00	1.23000E-05
1.86500E+00	1.19600E-05
3.04000E+00	1.12800E-05
5.01500E+00	1.07000E-05
7.11600E+00	1.02900E-05
1.00000E+01	9.88000E-06
1.09500E+01	9.86000E-06
1.10600E+01	9.84000E-06
1.13000E+01	9.80000E-06

MULLIN $ NIENOW. J CHEM ENGR DATA 9, 526 (1964)

MOLALITY

	GAMMA
1.00000E-01	4.36000E-01
2.00000E-01	3.56000E-01
3.00000E-01	3.13000E-01
4.00000E-01	2.83000E-01
5.00000E-01	2.61000E-01
6.00000E-01	2.43000E-01
7.00000E-01	2.29000E-01

ROBINSON $ STOKES. ELECTROLYTE SOLUTIONS, 2ND ED (REV) (1959)

CONCENTRATION

	GAMMA
2.50000E-02	6.02000E-01
5.00000E-02	5.04000E-01
1.25000E-01	3.76000E-01
2.50000E-01	2.99000E-01
5.00000E-01	2.40000E-01
6.25000E-01	2.20000E-01

AKERLOF. J AM CHEM SOC 48, 1160 (1926)

CONCENTRATION

	GAMMA
2.50000E-02	5.97000E-01
5.00000E-02	5.00000E-01
1.25000E-01	3.73000E-01
2.48000E-01	2.97000E-01
4.94000E-01	2.38000E-01
6.21000E-01	2.18000E-01

HARNED $ AKERLOF. PHYSIK Z 27, 411 (1926)

MOLALITY

	GAMMA
1.00000E-01	4.41000E-01
1.25000E-01	4.16000E-01
2.00000E-01	3.61000E-01
2.50000E-01	3.37000E-01
3.00000E-01	3.17000E-01
4.00000E-01	2.87000E-01
5.00000E-01	2.64000E-01
6.00000E-01	2.47000E-01
6.25000E-01	2.43000E-01
7.00000E-01	2.33000E-01

ROBINSON, WILSON $ STOKES. J AM CHEM SOC 63, 1011 (1941)

LANTHANUM CHLORIDE IN WATER AT 0 DEGREES C

TEMP	MS	MO	NU	NU+	NU-	Z+	Z-
-0.	245.270	18.015	4.0	1.0	3.0	3.0	-1.0

CONCENTRATION

	DENSITY
-0.	9.99871E-01
1.00000E-03	1.00011E+00
2.50000E-03	1.00047E+00
5.00000E-03	1.00107E+00
1.00000E-02	1.00221E+00
2.50000E-02	1.00570E+00
5.00000E-02	1.01150E+00
1.00000E-01	1.02302E+00
2.50395E-01	1.05717E+00
5.05272E-01	1.11443E+00
9.97033E-01	1.22039E+00

JONES $ STAUFFER. JACS 62, 335 (1940)

CONCENTRATION	RELATIVE VISCOSITY
2.50000E-04	1.00051E+00
5.00000E-04	1.00072E+00
1.00000E-03	1.00129E+00
2.50000E-03	1.00266E+00
5.00000E-03	1.00444E+00
1.00000E-02	1.00751E+00
2.50000E-02	1.01614E+00
5.00000E-02	1.03003E+00
1.00000E-01	1.05621E+00
2.50395E-01	1.13872E+00
5.05272E-01	1.30640E+00
9.97033E-01	1.76661E+00
2.50462E-01	1.13876E+00

JONES $ STAUFFER. JACS 62, 335 (1940)

CONCENTRATION	MOLAR CONDUCTANCE
2.50000E-04	2.16470E+02
3.60000E-04	2.14360E+02
5.00000E-04	2.12150E+02
7.50000E-04	2.08930E+02
1.00000E-03	2.06290E+02
2.50000E-03	1.96210E+02
5.00000E-03	1.87150E+02
1.00000E-02	1.76980E+02
2.50000E-02	1.63230E+02
5.00000E-02	1.52850E+02
1.00000E-01	1.42620E+02
2.50000E-01	1.27040E+02
5.00000E-01	1.11120E+02
1.00000E+00	8.63100E+01

JONES $ BICKFORD. JACS 56, 602 (1934)

LANTHANUM CHLORIDE IN WATER AT 25 DEGREES C

TEMP	MS	MO	NU	NU+	NU-	Z+	Z-
25.000	245.270	18.015	4.0	1.0	3.0	3.0	-1.0

CONCENTRATION	DENSITY
-0.	9.97074E-01
1.00000E-03	9.97290E-01
2.50000E-03	9.97630E-01
5.00000E-03	9.98200E-01
1.00000E-02	9.99330E-01
2.50000E-02	1.00275E+00
5.00000E-02	1.00839E+00
1.00000E-01	1.01965E+00
2.50000E-01	1.05299E+00
5.02687E-01	1.10812E+00
9.90638E-01	1.21256E+00

JONES $ STAUFFER. JACS 62, 335 (1940)

CONCENTRATION	DENSITY
5.00000E-05	9.97082E-01
1.00000E-04	9.97091E-01
2.50000E-04	9.97127E-01
5.00000E-04	9.97184E-01
1.00000E-03	9.97307E-01
2.50000E-03	9.97645E-01
5.00000E-03	9.98216E-01
1.00000E-02	9.99354E-01
2.50000E-02	1.00277E+00
5.00000E-02	1.00840E+00
1.00000E-01	1.01961E+00
2.50000E-01	1.05291E+00
5.00000E-01	1.10760E+00
1.00000E+00	1.21455E+00

JONES $ RAY. JACS 63, 288 (1941)

CONCENTRATION	RELATIVE VISCOSITY
2.50000E-04	1.00067E+00
5.00000E-04	1.00091E+00
1.00000E-03	1.00152E+00
2.50000E-03	1.00291E+00
5.00000E-03	1.00499E+00
1.00000E-02	1.00879E+00
2.50000E-02	1.01891E+00
5.00000E-02	1.03517E+00
1.00000E-01	1.06632E+00
2.50000E-01	1.16314E+00
5.02687E-01	1.35132E+00
9.90638E-01	1.83815E+00

JONES $ STAUFFER. JACS 62, 335 (1940)

CONCENTRATION	EQUIVALENT CONDUCTANCE
7.50000E-03	1.24340E+02
1.00000E-02	1.21830E+02
1.50000E-02	1.18090E+02
2.00000E-02	1.15320E+02
5.00000E-02	1.06100E+02
1.00000E-01	9.90400E+01
2.00000E-01	9.20400E+01
5.00000E-01	8.22800E+01

LONGSWORTH $ MACINNES. JACS 60, 3070 (1938)

CONCENTRATION	MOLAR CONDUCTANCE
2.50000E-04	4.14610E+02
3.60000E-04	4.10110E+02
5.00000E-04	4.05640E+02
7.50000E-04	3.98830E+02
1.00000E-03	3.93480E+02
2.50000E-03	3.72840E+02
5.00000E-03	3.54330E+02
1.00000E-02	3.33740E+02
2.50000E-02	3.05900E+02

5.00000E-02	2.84860E+02
1.00000E-01	2.63680E+02
2.50000E-01	2.31990E+02
5.00000E-01	2.00030E+02
1.00000E+00	1.53440E+02

JONES $ BICKFORD. JACS 56, 602 (1934)

CONCENTRATION

	TRANSFERENCE NUMBER
7.50000E-03	4.64100E-01
1.00000E-02	4.62500E-01
1.50000E-02	4.60100E-01
2.00000E-02	4.57600E-01
5.00000E-02	4.48200E-01
1.00000E-01	4.37500E-01
2.00000E-01	4.23300E-01
5.00000E-01	3.95800E-01

LONGSWORTH $ MACINNES. JACS 60, 3070 (1938)

CONCENTRATION

	DIFFUSION COEFFICIENT
-0.	1.29400E-05
9.30000E-04	1.17800E-05
1.16000E-03	1.16200E-05
1.27000E-03	1.16300E-05
1.40000E-03	1.15900E-05
1.95000E-03	1.14600E-05
2.40000E-03	1.13500E-05
2.72000E-03	1.12600E-05
3.07000E-03	1.12700E-05
3.38000E-03	1.12000E-05
4.01000E-03	1.11000E-05
5.52000E-03	1.10400E-05
6.68000E-03	1.08700E-05
2.60000E-02	1.02100E-05

HARNED $ BLAKE. JACS 73, 4255 (1951)

MOLALITY

	GAMMA
1.00000E-03	7.90200E-01
2.00000E-03	7.29400E-01
5.00000E-03	6.36100E-01
1.00000E-02	5.59700E-01
2.00000E-02	4.83100E-01
5.00000E-02	3.88100E-01
1.00000E-01	3.25200E-01

SHEDLOVSKY. JACS 72, 3680 (1950)

MOLALITY

	GAMMA
3.11900E-02	4.31900E-01
2.49400E-02	4.55600E-01
1.24700E-02	5.31800E-01
6.23400E-03	6.08200E-01
3.11700E-03	6.82400E-01
2.49300E-03	7.06700E-01
1.24800E-03	7.66100E-01

SPEDDING, PORTER $ WRIGHT. JACS 74, 2781 (1952)

MOLALITY

	GAMMA
1.00000E-01	3.14000E-01
2.00000E-01	2.74000E-01
3.00000E-01	2.63000E-01
4.00000E-01	2.61000E-01
5.00000E-01	2.66000E-01
6.00000E-01	2.74000E-01
7.00000E-01	2.85000E-01
8.00000E-01	3.02000E-01
9.00000E-01	3.21000E-01
1.00000E+00	3.42000E-01
1.20000E+00	3.98000E-01
1.40000E+00	4.70000E-01
1.60000E+00	5.61000E-01
1.80000E+00	6.77000E-01
2.00000E+00	8.25000E-01

ROBINSON $ STOKES. ELECTROLYTE SOLUTIONS, 2ND ED (REV) (1959)

LITHIUM BROMIDE IN WATER AT 25 DEGREES C

TEMP	MS	MO	NU	NU+	NU-	Z+	Z-
25.000	86.850	18.015	2.0	1.0	1.0	1.0	-1.0

MASS FRACTION

	DENSITY
3.50000E-01	1.32000E+00
4.00000E-01	1.38100E+00
4.30000E-01	1.42000E+00
4.50000E-01	1.45000E+00
4.80000E-01	1.50000E+00
5.00000E-01	1.53000E+00
5.30000E-01	1.57500E+00
5.50000E-01	1.61000E+00
5.70000E-01	1.65000E+00
6.00000E-01	1.71600E+00
6.20000E-01	1.76000E+00

BOGATYKH $ EVNOVICH. ZH PRIKL KHIM 38, 945 (1965)

MASS FRACTION

	VISCOSITY
3.50000E-01	1.60000E+00
4.00000E-01	1.86000E+00
4.30000E-01	2.08000E+00
4.50000E-01	2.34000E+00
4.80000E-01	2.79000E+00
5.00000E-01	3.10000E+00
5.30000E-01	3.73000E+00
5.50000E-01	4.45000E+00
5.70000E-01	5.61000E+00
6.00000E-01	7.22000E+00
6.20000E-01	9.43000E+00

BOGATYKH. ZH PRIKL KHIM 36, 1867 (1963)

CONCENTRATION

	DIFFUSION COEFFICIENT
0.	1.37900E-05
5.00000E-02	1.30000E-05
1.00000E-01	1.27900E-05
2.00000E-01	1.28500E-05
3.00000E-01	1.29600E-05
5.00000E-01	1.32800E-05
7.00000E-01	1.36000E-05
1.00000E+00	1.40400E-05
1.50000E+00	1.47300E-05
2.00000E+00	1.54200E-05
2.50000E+00	1.59700E-05
3.00000E+00	1.65000E-05
3.50000E+00	1.69300E-05

STOKES. JACS 72, 2243 (1950)

MOLALITY

	GAMMA
1.00000E-01	7.96000E-01
2.00000E-01	7.66000E-01
3.00000E-01	7.56000E-01
4.00000E-01	7.52000E-01
5.00000E-01	7.53000E-01
6.00000E-01	7.58000E-01
7.00000E-01	7.67000E-01
8.00000E-01	7.77000E-01
9.00000E-01	7.89000E-01
1.00000E+00	8.03000E-01
1.20000E+00	8.37000E-01
1.40000E+00	8.74000E-01
1.60000E+00	9.17000E-01
1.80000E+00	9.64000E-01
2.00000E+00	1.01500E+00
2.50000E+00	1.16100E+00
3.00000E+00	1.34100E+00
3.50000E+00	1.58400E+00
4.00000E+00	1.89700E+00
4.50000E+00	2.28000E+00
5.00000E+00	2.74000E+00
5.50000E+00	3.27000E+00
6.00000E+00	3.92000E+00

ROBINSON $ STOKES. ELECTROLYTE SOLUTIONS, 2ND ED (REV) (1959)

MOLALITY

	GAMMA
7.00000E+00	5.76000E+00
8.00000E+00	8.61000E+00
9.00000E+00	1.29200E+01
1.00000E+01	1.99200E+01
1.10000E+01	3.10000E+01
1.20000E+01	4.63000E+01
1.30000E+01	7.06000E+01
1.40000E+01	1.04700E+02
1.50000E+01	1.46000E+02
1.60000E+01	1.98000E+02
1.70000E+01	2.60000E+02
1.80000E+01	3.31000E+02

1.90000E+01	4.11000E+02
2.00000E+01	4.85000E+02

ROBINSON $ STOKES. ELECTROLYTE SOLUTIONS, 2ND ED (REV) (1959)

LITHIUM CHLORIDE IN WATER AT 0 DEGREES C

TEMP	MS	MO	NU	NU+	NU-	Z+	Z-
0.	42.390	18.015	2.0	1.0	1.0	1.0	-1.0

CONCENTRATION

	DIFFUSION COEFFICIENT
1.97500E-01	5.90000E-06
1.98200E-01	5.88000E-06
1.99100E-01	5.88000E-06
3.97200E-01	5.97000E-06
5.06300E-01	6.00000E-06
5.93700E-01	6.04000E-06
7.58600E-01	6.17000E-06
7.88800E-01	6.17000E-06
9.82500E-01	6.22000E-06
9.82600E-01	6.26000E-06
1.45810E+00	6.47000E-06
1.92960E+00	6.70000E-06
2.38770E+00	6.90000E-06
2.83990E+00	7.10000E-06
2.84000E+00	7.08000E-06
3.27760E+00	7.27000E-06
3.71310E+00	7.41000E-06
4.13930E+00	7.54000E-06
4.55480E+00	7.67000E-06
4.96320E+00	7.76000E-06
5.36290E+00	7.74000E-06
6.13930E+00	7.58000E-06
6.92900E+00	7.34000E-06

VITAGLIANO. GAZ CHIM ITAL 90, 876 (1960)

CONCENTRATION

	1.0 + DLOG(Y)/DLOG(C)
1.97500E-01	9.35700E-01
1.98200E-01	9.35800E-01
1.99100E-01	9.36000E-01
3.97200E-01	9.91100E-01
5.06300E-01	1.02760E+00
5.93700E-01	1.05850E+00
7.58600E-01	1.11950E+00
7.88800E-01	1.13100E+00
9.82500E-01	1.20630E+00
9.82600E-01	1.20630E+00
1.45810E+00	1.39960E+00
1.92960E+00	1.59940E+00
2.38770E+00	1.79940E+00
2.83990E+00	2.00160E+00
2.84000E+00	2.00170E+00

VITAGLIANO. GAZ CHIM ITAL 90, 876 (1960)

LITHIUM CHLORIDE IN WATER AT 15 DEGREES C

TEMP	MS	MO	NU	NU+	NU-	Z+	Z-
15.000	42.390	18.015	2.0	1.0	1.0	1.0	-1.0

MOLALITY

	DENSITY
1.00900E+00	1.02320E+00
2.59250E+00	1.05660E+00
4.18140E+00	1.08620E+00
5.71280E+00	1.11350E+00
7.24170E+00	1.13780E+00
8.82680E+00	1.16210E+00
9.86300E+00	1.17710E+00
1.09130E+01	1.19190E+00
1.19630E+01	1.20620E+00
1.29230E+01	1.21940E+00
1.40670E+01	1.23360E+00
1.50630E+01	1.24630E+00
1.58270E+01	1.25480E+00
1.72490E+01	1.27130E+00
1.79060E+01	1.27800E+00
1.87290E+01	1.28740E+00
1.95840E+01	1.29680E+00

LENGYEL, TAMAS, GIBER $ HOLDERITH. MAGY KEM FOLY 70, 66 (1964)

MOLALITY

	VISCOSITY
1.00900E+00	1.30390E+00
2.59250E+00	1.60190E+00
4.18140E+00	1.94820E+00
5.71280E+00	2.35520E+00
7.24170E+00	2.88680E+00
8.82680E+00	3.57580E+00
9.86300E+00	4.16560E+00
1.09130E+01	4.88870E+00
1.19630E+01	5.79700E+00
1.29230E+01	6.82700E+00
1.40670E+01	8.23000E+00
1.50630E+01	9.75400E+00
1.58270E+01	1.10720E+01
1.72490E+01	1.40890E+01
1.79060E+01	1.56500E+01
1.87290E+01	1.80090E+01
1.95840E+01	2.08400E+01

LENGYEL, TAMAS, GIBER $ HOLDERITH. MAGY KEM FOLY 70, 66 (1964)

MOLALITY

	MOLAR CONDUCTANCE
1.34700E+00	5.47700E+01
2.62000E+00	4.58200E+01
4.34100E+00	3.58300E+01
6.13200E+00	2.78900E+01
7.99000E+00	2.12800E+01

1.01100E+01	1.49000E+01
1.18100E+01	1.11200E+01
1.43400E+01	7.37100E+00
1.75800E+01	4.25000E+00

LENGYEL, GIBER $ TAMAS. MAGY KEM FOLY 66, 161 (1960)

MOLALITY

	TRANSFERENCE NUMBER
1.34700E+00	2.75000E-01
2.62000E+00	2.45000E-01
4.34100E+00	2.15000E-01
6.13200E+00	1.87000E-01
7.99000E+00	1.65000E-01
1.01100E+01	1.56000E-01
1.18100E+01	1.55000E-01
1.43400E+01	1.68000E-01
1.75800E+01	1.95000E-01

LENGYEL, GIBER $ TAMAS. MAGY KEM FOLY 66, 161 (1960)

MOLALITY

	TRANSFERENCE NUMBER
1.34700E+00	2.72000E-01
2.62000E+00	2.46000E-01
4.34100E+00	2.17000E-01
6.13200E+00	1.86000E-01
7.99000E+00	1.63000E-01
1.01100E+01	1.57000E-01
1.18100E+01	1.54000E-01
1.43400E+01	1.64000E-01
1.75800E+01	1.90000E-01

LENGYEL $ GIBER. ACTA CHIM ACAD SCI HUNG 32, 235 (1962)

MOLALITY

	GAMMA
6.95000E-01	7.57000E-01
1.60800E+00	8.72000E-01
2.90200E+00	1.16800E+00
4.36500E+00	1.75600E+00
6.54500E+00	3.48700E+00
8.10300E+00	5.76000E+00
1.04100E+01	1.20000E+01
1.26900E+01	2.19200E+01
1.77300E+01	6.02300E+01

LENGYEL, GIBER $ TAMAS. MAGY KEM FOLY 66, 161 (1960)

LITHIUM CHLORIDE IN WATER AT 18 DEGREES C

TEMP	MS	MO	NU	NU+	NU-	Z+	Z-
18.000	42.390	18.015	2.0	1.0	1.0	1.0	-1.0

CONCENTRATION

	DENSITY
1.00000E-01	1.00118E+00

1.00000E+00	1.02240E+00

GRUNEISEN. WISS ABH PHYSIK-TECHN REICH 4, 237 (1905)

CONCENTRATION

	RELATIVE VISCOSITY
1.90400E+00	1.31800E+00
3.53100E+00	1.66900E+00
7.34400E+00	3.11000E+00

GRUNEISEN. WISS ABH PHYSIK-TECHN REICH 4, 237 (1905)

CONCENTRATION

	RELATIVE VISCOSITY
1.00000E-01	1.01612E+00
1.00000E+00	1.14980E+00

GRUNEISEN. WISS ABH PHYSIK-TECHN REICH 4, 237 (1905)

CONCENTRATION

	DIFFUSION COEFFICIENT
1.67300E-01	1.05400E-05
2.97300E-01	1.04900E-05
5.92500E-01	1.06200E-05
7.87200E-01	1.07400E-05
9.31600E-01	1.08100E-05
1.31100E+00	1.10400E-05
1.92430E+00	1.14500E-05
1.92710E+00	1.14500E-05
2.34420E+00	1.16600E-05
2.37410E+00	1.17000E-05
2.83100E+00	1.19250E-05
3.27110E+00	1.21200E-05
4.22640E+00	1.24100E-05
4.94580E+00	1.25800E-05
5.34200E+00	1.26200E-05
6.11890E+00	1.23500E-05
6.86380E+00	1.18500E-05

VITAGLIANO. GAZ CHIM ITAL 90, 876 (1960)

CONCENTRATION

	1.0 + DLOG(Y)/DLOG(C)
1.67300E-01	9.28000E-01
2.97300E-01	9.59500E-01
5.92500E-01	1.05810E+00
7.87200E-01	1.13090E+00
9.31600E-01	1.18690E+00
1.31100E+00	1.33870E+00
1.92430E+00	1.59290E+00
1.92710E+00	1.59410E+00
2.34420E+00	1.77090E+00
2.37410E+00	1.78370E+00
2.83100E+00	1.98020E+00

VITAGLIANO. GAZ CHIM ITAL 90, 876 (1960)

LITHIUM CHLORIDE IN WATER AT 25 DEGREES C

TEMP	MS	MO	NU	NU+	NU-	Z+	Z-
25.000	42.390	18.015	2.0	1.0	1.0	1.0	-1.0

CONCENTRATION

	DENSITY
2.32430E-02	9.97660E-01
3.70110E-02	9.98010E-01
9.06330E-02	9.99440E-01
1.01140E-01	9.99630E-01
1.78400E-01	1.00153E+00
2.02170E-01	1.00213E+00
4.04440E-01	1.00723E+00
4.73010E-01	1.00873E+00
7.34530E-01	1.01498E+00
9.65620E-01	1.02049E+00
1.91578E+00	1.04229E+00
2.95322E+00	1.06464E+00

JONES $ BRADSHAW. JACS 54, 138 (1932)

MOLALITY

	DENSITY
3.50760E+00	1.07152E+00
5.00770E+00	1.09842E+00

STAKHANOVA $ VASILEV. ZH FIZ KHIM 37, 1568 (1963)

MOLALITY

	DENSITY
1.00900E+00	1.02020E+00
2.59250E+00	1.05390E+00
4.18140E+00	1.08340E+00
5.71280E+00	1.11040E+00
7.24170E+00	1.13480E+00
8.82680E+00	1.15910E+00
9.86300E+00	1.17420E+00
1.09130E+01	1.18880E+00
1.19630E+01	1.20310E+00
1.29230E+01	1.21610E+00
1.40670E+01	1.23010E+00
1.50630E+01	1.24270E+00
1.58270E+01	1.25110E+00
1.72490E+01	1.26760E+00
1.79060E+01	1.27430E+00
1.87290E+01	1.28370E+00
1.95840E+01	1.29310E+00

LENGYEL, TAMAS, GIBER $ HOLDERITH. MAGY KEM FOLY 70, 66 (1964)

MOLALITY

	VISCOSITY
1.00900E+00	1.02140E+00
2.59250E+00	1.26110E+00
4.18140E+00	1.53530E+00
5.71280E+00	1.85980E+00
7.24170E+00	2.27530E+00
8.82680E+00	2.81640E+00
9.86300E+00	3.27070E+00
1.09130E+01	3.81030E+00
1.19630E+01	4.49040E+00

1.29230E+01	5.24800E+00
1.40670E+01	6.26000E+00
1.50630E+01	7.36300E+00
1.58270E+01	8.27000E+00
1.72490E+01	1.03650E+01
1.79060E+01	1.14250E+01
1.87290E+01	1.30340E+01
1.95840E+01	1.48900E+01

LENGYEL, TAMAS, GIBER $ HOLDERITH. MAGY KEM FOLY 70, 66 (1964)

CONCENTRATION

	RELATIVE VISCOSITY
7.14100E-01	1.11900E+00
1.18900E+00	1.18800E+00
1.66600E+00	1.26500E+00
2.12300E+00	1.34300E+00
2.60800E+00	1.43300E+00
3.07800E+00	1.51700E+00
3.54000E+00	1.63400E+00
4.01600E+00	1.73500E+00
4.48500E+00	1.87900E+00
4.96400E+00	2.02000E+00

SATOH $ HAYASHI. BULL CHEM SOC JAPAN 34, 1260 (1961)

CONCENTRATION

	MOLAR CONDUCTANCE
4.72100E-04	1.13180E+02
2.34550E-03	1.11040E+02
5.88460E-03	1.08910E+02
1.07786E-02	1.07030E+02
1.99375E-02	1.04640E+02
3.25810E-02	1.02340E+02
9.83600E-03	1.07330E+02
1.85150E-02	1.04910E+02
4.99420E-02	1.00100E+02
6.40210E-02	9.87000E+01
1.00000E-01	9.58300E+01

SHEDLOVSKY. JACS 54, 1411 (1932)

MOLALITY

	MOLAR CONDUCTANCE
1.34700E+00	6.84600E+01
2.62000E+00	5.68400E+01
4.34100E+00	4.44600E+01
6.13200E+00	3.47500E+01
7.99000E+00	2.65800E+01
1.01100E+01	1.88000E+01
1.18100E+01	1.42400E+01
1.75800E+01	6.13300E+00

LENGYEL, GIBER $ TAMAS. MAGY KEM FOLY 66, 161 (1960)

CONCENTRATION

	TRANSFERENCE NUMBER
0.	3.33700E-01
2.32430E-02	3.27200E-01
3.70110E-02	3.24600E-01
9.06330E-02	3.21000E-01
1.01140E-01	3.18400E-01

1.78400E-01	3.15400E-01
2.02170E-01	3.10900E-01
4.04440E-01	3.03500E-01
4.73010E-01	3.00200E-01
7.34530E-01	2.92800E-01
9.65620E-01	2.87200E-01
1.91578E+00	2.69600E-01
2.95322E+00	2.57500E-01

JONES $ BRADSHAW. JACS 54, 138 (1932)

CONCENTRATION

	TRANSFERENCE NUMBER
9.83560E-03	3.29100E-01
1.11040E-02	3.28700E-01
1.85150E-02	3.26400E-01
3.25500E-02	3.23400E-01
4.99420E-02	3.21000E-01
6.40210E-02	3.19800E-01
1.00000E-01	3.16700E-01
6.40210E-02	3.16800E-01
1.00000E-01	3.20100E-01

LONGSWORTH. JACS 54, 2741 (1932)

MOLES/1000 G OF SOLUTION

	TRANSFERENCE NUMBER
2.12000E-01	3.02000E-01
9.59000E-02	3.14000E-01
9.59000E-02	3.07000E-01
9.70000E-02	3.14000E-01
1.93000E-01	2.96000E-01
2.12000E-01	3.14000E-01
2.12000E-01	3.00000E-01
2.89000E-01	2.83000E-01
2.89000E-01	3.00000E-01
2.90000E-01	3.19000E-01
4.83000E-01	3.00000E-01
5.77000E-01	3.00000E-01
5.96000E-01	2.95000E-01
5.96000E-01	3.01000E-01
8.91000E-01	2.87000E-01
1.93000E-01	2.85000E-01

BARD, WEAR, GRIFFIN $ AMIS. J ELECTROANAL CHEM 8, 419 (1964)

MOLES/1000 G OF SOLUTION

	TRANSFERENCE NUMBER
4.00700E-01	2.90000E-01

WEAR, MC NULLY $ AMIS. J INORG NUCL CHEM 18, 48 (1961)

CONCENTRATION

	DIFFUSION COEFFICIENT
1.17400E-01	1.26700E-05
1.28000E-01	1.26200E-05
1.67500E-01	1.26100E-05
2.71800E-01	1.26200E-05
3.16100E-01	1.26400E-05
3.34600E-01	1.26400E-05
4.22000E-01	1.26900E-05
5.86600E-01	1.27800E-05

6.59800E-01	1.28000E-05
9.44300E-01	1.30000E-05
1.16430E+00	1.31700E-05
1.66580E+00	1.34600E-05
1.89800E+00	1.36400E-05
2.04930E+00	1.37000E-05
2.83330E+00	1.41700E-05
3.20620E+00	1.43600E-05
3.81090E+00	1.46100E-05
4.09080E+00	1.46900E-05
4.45360E+00	1.47400E-05
4.55950E+00	1.47300E-05
4.63380E+00	1.47400E-05
5.93310E+00	1.45500E-05
6.38640E+00	1.43800E-05
8.11080E+00	1.24000E-05

VITAGLIANO. GAZ CHIM ITAL 90, 876 (1960)

CONCENTRATION

	DIFFUSION COEFFICIENT
0.	1.36800E-05
5.00000E-02	1.28000E-05
1.00000E-01	1.26900E-05
2.00000E-01	1.26700E-05
3.00000E-01	1.26900E-05
5.00000E-01	1.27800E-05
7.00000E-01	1.28800E-05
1.00000E+00	1.30200E-05
1.50000E+00	1.33100E-05
2.00000E+00	1.36300E-05
2.50000E+00	1.39700E-05
3.00000E+00	1.43000E-05
3.50000E+00	1.46400E-05

STOKES. JACS 72, 2243 (1950)

CONCENTRATION

	DIFFUSION COEFFICIENT
6.34000E-04	1.36800E-05
1.79000E-03	1.33100E-05
2.29000E-03	1.33500E-05
2.35000E-03	1.33500E-05
2.63000E-03	1.33400E-05
3.02000E-03	1.33100E-05
3.39000E-03	1.32700E-05
4.96000E-03	1.32600E-05
5.68000E-03	1.31900E-05
7.32000E-03	1.32000E-05
7.92000E-03	1.31500E-05
8.34000E-03	1.31300E-05
9.35000E-03	1.31200E-05
1.10000E-02	1.31300E-05

HARNED $ HILDRETH. JACS 73, 650 (1951)

MOLALITY

	GAMMA
1.00000E-01	7.90000E-01
2.00000E-01	7.57000E-01
3.00000E-01	7.44000E-01
4.00000E-01	7.40000E-01

5.00000E-01	7.39000E-01
6.00000E-01	7.43000E-01
7.00000E-01	7.48000E-01
8.00000E-01	7.55000E-01
9.00000E-01	7.64000E-01
1.00000E+00	7.74000E-01
1.20000E+00	7.96000E-01
1.40000E+00	8.23000E-01
1.60000E+00	8.53000E-01
1.80000E+00	8.85000E-01
2.00000E+00	9.21000E-01
2.50000E+00	1.02600E+00
3.00000E+00	1.15600E+00
3.50000E+00	1.31700E+00
4.00000E+00	1.51000E+00
4.50000E+00	1.74100E+00
5.00000E+00	2.02000E+00
5.50000E+00	2.34000E+00
6.00000E+00	2.72000E+00

ROBINSON $ STOKES. ELECTROLYTE SOLUTIONS, 2ND ED (REV) (1959)

MOLALITY	GAMMA
7.00000E+00	3.71000E+00
8.00000E+00	5.10000E+00
9.00000E+00	6.96000E+00
1.00000E+01	9.40000E+00
1.10000E+01	1.25500E+01
1.20000E+01	1.64100E+01
1.30000E+01	2.09000E+01
1.40000E+01	2.62000E+01
1.50000E+01	3.19000E+01
1.60000E+01	3.79000E+01
1.70000E+01	4.38000E+01
1.80000E+01	4.99000E+01
1.90000E+01	5.63000E+01
2.00000E+01	6.24000E+01

ROBINSON $ STOKES. ELECTROLYTE SOLUTIONS, 2ND ED (REV) (1959)

CONCENTRATION	1.0 + DLOG(Y)/DLOG(C)
1.17400E-01	9.19500E-01
1.28000E-01	9.20400E-01
1.67500E-01	9.26000E-01
2.71800E-01	9.49900E-01
3.16100E-01	9.62500E-01
3.34600E-01	9.68000E-01
4.22000E-01	9.95600E-01
5.86600E-01	1.05240E+00
6.59800E-01	1.07910E+00
9.44300E-01	1.18710E+00
1.16430E+00	1.27380E+00
1.66580E+00	1.47720E+00
1.89800E+00	1.57320E+00
2.04930E+00	1.63630E+00
2.83330E+00	1.96810E+00

VITAGLIANO. GAZ CHIM ITAL 90, 876 (1960)

LITHIUM CHLORIDE IN WATER AT 35 DEGREES C

TEMP	MS	MO	NU	NU+	NU-	Z+	Z-
35.000	42.390	18.015	2.0	1.0	1.0	1.0	-1.0

MOLALITY	DENSITY
1.00900E+00	1.01760E+00
2.59250E+00	1.05070E+00
4.18140E+00	1.08000E+00
5.71280E+00	1.10680E+00
7.24170E+00	1.13140E+00
8.82680E+00	1.15620E+00
9.86300E+00	1.17120E+00
1.09130E+01	1.18570E+00
1.19630E+01	1.19990E+00
1.29230E+01	1.21270E+00
1.40670E+01	1.22660E+00
1.58270E+01	1.24750E+00
1.72490E+01	1.26390E+00
1.79060E+01	1.27050E+00
1.87290E+01	1.27990E+00
1.95840E+01	1.28910E+00

LENGYEL, TAMAS, GIBER $ HOLDERITH. MAGY KEM FOLY 70, 66 (1964)

MOLALITY	VISCOSITY
1.00900E+00	8.27400E-01
2.59250E+00	1.02110E+00
4.18140E+00	1.24560E+00
5.71280E+00	1.50900E+00
7.24170E+00	1.84600E+00
8.82680E+00	2.27600E+00
9.86300E+00	2.63160E+00
1.09130E+01	3.06960E+00
1.19630E+01	3.58480E+00
1.29230E+01	4.15820E+00
1.40670E+01	4.91500E+00
1.58270E+01	6.40600E+00
1.72490E+01	7.91400E+00
1.79060E+01	8.66400E+00
1.87290E+01	9.81900E+00
1.95840E+01	1.10890E+01

LENGYEL, TAMAS, GIBER $ HOLDERITH. MAGY KEM FOLY 70, 66 (1964)

MOLALITY	MOLAR CONDUCTANCE
1.34700E+00	8.21000E+01
2.62000E+00	6.80100E+01
4.34100E+00	5.31000E+01
6.13200E+00	4.17400E+01
7.99000E+00	3.19100E+01
1.01100E+01	2.28500E+01
1.18100E+01	1.75300E+01
1.43400E+01	1.23900E+01
1.75800E+01	7.92700E+00

LENGYEL, GIBER $ TAMAS. MAGY KEM FOLY 66, 161 (1960)

MOLALITY

	TRANSFERENCE NUMBER
1.34700E+00	2.86000E-01
2.62000E+00	2.57000E-01
4.34100E+00	2.29000E-01
6.13200E+00	1.98000E-01
7.99000E+00	1.68000E-01
1.01100E+01	1.40000E-01
1.18100E+01	1.32000E-01
1.43400E+01	1.31000E-01
1.75800E+01	1.30000E-01

LENGYEL, GIBER $ TAMAS. MAGY KEM FOLY 66, 161 (1960)

CONCENTRATION

	DIFFUSION COEFFICIENT
1.10700E-01	1.60500E-05
1.48000E-01	1.59800E-05
2.01700E-01	1.59900E-05
2.99900E-01	1.60300E-05
3.94500E-01	1.60700E-05
6.33400E-01	1.61800E-05
8.60400E-01	1.63500E-05
9.61000E-01	1.63900E-05
1.33360E+00	1.66500E-05
1.61060E+00	1.68500E-05
2.06140E+00	1.71400E-05
2.19860E+00	1.72700E-05
2.65660E+00	1.76000E-05
3.18570E+00	1.79100E-05
3.53760E+00	1.80200E-05
3.79470E+00	1.80900E-05
4.31750E+00	1.82000E-05
4.40770E+00	1.81700E-05
4.93970E+00	1.82200E-05
5.81140E+00	1.79400E-05
6.59940E+00	1.74100E-05
7.01180E+00	1.69400E-05
5.23700E+00	1.82200E-05

VITAGLIANO. GAZ CHIM ITAL 90, 876 (1960)

CONCENTRATION

	1.0 + DLOG(Y)/DLOG(C)
1.10700E-01	9.16100E-01
1.48000E-01	9.19500E-01
2.01700E-01	9.28800E-01
2.99900E-01	9.52900E-01
3.94500E-01	9.80900E-01
6.33400E-01	1.06170E+00
8.60400E-01	1.14520E+00
9.61000E-01	1.18330E+00
1.33360E+00	1.32860E+00
1.61010E+00	1.43910E+00
2.06140E+00	1.62280E+00
2.19860E+00	1.67930E+00
2.65660E+00	1.86970E+00

VITAGLIANO. GAZ CHIM ITAL 90, 876 (1960)

CONCENTRATION

	1.0 + DLOG(GAMMA)/DLOG(M)
1.33360E+00	1.21990E+00
1.61060E+00	1.31220E+00
2.06140E+00	1.46950E+00
2.19860E+00	1.51880E+00
2.65660E+00	1.68770E+00
3.18570E+00	1.88990E+00
3.53760E+00	2.02810E+00
3.79470E+00	2.13070E+00
4.31750E+00	2.34350E+00
4.40770E+00	2.38070E+00
4.93970E+00	2.60210E+00
5.81140E+00	2.96840E+00
6.59940E+00	3.29330E+00
7.01180E+00	3.45580E+00

ROBINSON $ STOKES. ELECTROLYTE SOLUTIONS, 2ND ED (REV) (1959)

LITHIUM CHLORIDE IN WATER AT 50 DEGREES C

TEMP	MS	MO	NU	NU+	NU-	Z+	Z-
50.000	42.390	18.015	2.0	1.0	1.0	1.0	-1.0

MASS FRACTION

	DENSITY
3.20000E-01	1.18500E+00
3.50000E-01	1.20400E+00
3.70000E-01	1.22300E+00
4.00000E-01	1.24100E+00
4.10000E-01	1.24500E+00
4.20000E-01	1.25600E+00
4.30000E-01	1.26100E+00
4.40000E-01	1.26900E+00
4.50000E-01	1.27700E+00
4.60000E-01	1.28500E+00

BOGATYKH $ EVNOVICH. ZH PRIKL KHIM 38, 945 (1965)

MASS FRACTION

	VISCOSITY
3.20000E-01	2.26000E+00
3.50000E-01	2.94000E+00
3.70000E-01	3.49000E+00
4.00000E-01	4.37000E+00
4.10000E-01	4.48000E+00
4.20000E-01	4.99000E+00
4.30000E-01	5.38000E+00
4.40000E-01	6.06000E+00
4.50000E-01	6.55000E+00
4.60000E-01	7.22000E+00

BOGATYKH. ZH PRIKL KHIM 36, 1867 (1963)

CONCENTRATION

CONDUCTIVITY

5.00000E-01	6.16000E-02
1.00000E+00	1.10380E-01
1.50000E+00	1.50460E-01
2.00000E+00	1.84320E-01
3.00000E+00	2.35100E-01
4.00000E+00	2.67580E-01

LANDOLT-BORNSTEIN. VOL 2, PART 7 (1960)

NORMALITY

	TRANSFERENCE NUMBER
3.00000E+00	2.70000E-01
5.00000E+00	2.51000E-01
6.00000E+00	2.48000E-01
7.00000E+00	2.46000E-01
9.00000E+00	2.45000E-01
1.00000E+01	2.45000E-01

KAIMAKOV $ VERSHAVSKAYA. USP KHIM 35, 201 (1966)

CONCENTRATION

	DIFFUSION COEFFICIENT
1.86600E-01	2.19000E-05
2.45700E-01	2.18300E-05
2.94600E-01	2.17600E-05
3.92500E-01	2.17400E-05
4.21200E-01	2.17600E-05
4.89200E-01	2.17800E-05
4.89200E-01	2.18000E-05
5.86600E-01	2.18500E-05
9.70100E-01	2.21000E-05
1.23230E+00	2.24200E-05
1.44180E+00	2.26200E-05
1.44190E+00	2.26400E-05
1.90420E+00	2.30600E-05
2.35810E+00	2.33400E-05
2.35800E+00	2.33400E-05
2.80260E+00	2.36200E-05
3.66270E+00	2.39400E-05
3.66560E+00	2.39700E-05
4.49530E+00	2.40600E-05
4.49600E+00	2.40600E-05
5.29280E+00	2.38500E-05
5.29290E+00	2.38500E-05

VITAGLIANO. GAZ CHIM ITAL 90, 876 (1960)

CONCENTRATION

	1.0 + DLOG(Y)/DLOG(C)
1.86600E-01	9.18200E-01
2.45700E-01	9.30200E-01
2.94600E-01	9.42200E-01
3.92500E-01	9.69300E-01
4.21200E-01	9.77800E-01
4.89200E-01	9.99000E-01
4.89200E-01	9.99000E-01
5.86600E-01	1.03080E+00
9.70100E-01	1.16640E+00
1.23230E+00	1.26430E+00
1.44180E+00	1.34440E+00
1.44190E+00	1.34440E+00
1.90420E+00	1.52510E+00

2.35810E+00	1.70660E+00
2.35800E+00	1.70660E+00
2.80260E+00	1.88750E+00

VITAGLIANO. GAZ CHIM ITAL 90, 876 (1960)

LITHIUM CHLORATE IN WATER AT 25 DEGREES C

TEMP	MS	MO	NU	NU+	NU-	Z+	Z-
25.000	90.390	18.015	2.0	1.0	1.0	1.0	-1.0

CONCENTRATION

	DENSITY
-0.	9.97070E-01
2.18800E-02	9.98200E-01
1.00200E-01	1.00250E+00
5.12100E-01	1.02430E+00
8.53200E-01	1.04200E+00
1.24700E+00	1.06310E+00
1.64000E+00	1.08340E+00
2.11300E+00	1.10820E+00
2.92800E+00	1.15050E+00
3.11500E+00	1.15940E+00
3.74200E+00	1.19150E+00
4.54900E+00	1.23200E+00
4.90800E+00	1.25020E+00
5.15700E+00	1.26330E+00
6.19900E+00	1.31600E+00
7.18500E+00	1.36430E+00
7.76200E+00	1.39330E+00
8.04700E+00	1.40740E+00
8.94700E+00	1.45190E+00
1.01900E+01	1.51360E+00
1.14900E+01	1.57760E+00
1.28000E+01	1.64260E+00
1.39300E+01	1.70020E+00
1.42700E+01	1.71870E+00
1.61500E+01	1.81000E+00
1.79500E+01	1.89890E+00
1.90300E+01	1.95100E+00
1.93300E+01	1.96270E+00

CAMPBELL $ PATERSON. CAN J CHEM 36, 1004 (1958)

CONCENTRATION

	RELATIVE VISCOSITY
2.18800E-02	1.00200E+00
1.00200E-01	1.01500E+00
5.12100E-01	1.06700E+00
8.53200E-01	1.11000E+00
1.24700E+00	1.16900E+00
1.64000E+00	1.22900E+00
2.11300E+00	1.31500E+00
2.92800E+00	1.47200E+00
3.11500E+00	1.50800E+00
3.74200E+00	1.64200E+00
4.54900E+00	1.89500E+00

4.90800E+00	2.01900E+00
5.15700E+00	2.11500E+00
6.19900E+00	2.59400E+00
7.18500E+00	3.14000E+00
7.76200E+00	3.58500E+00
8.04700E+00	3.83800E+00
8.94700E+00	5.17000E+00
1.01900E+01	6.89400E+00
1.14900E+01	1.02900E+01
1.28000E+01	1.63700E+01
1.39300E+01	2.45300E+01
1.42700E+01	2.83800E+01
1.61500E+01	6.62600E+01
1.79500E+01	1.66500E+02
1.90300E+01	3.34000E+02

CAMPBELL $ PATERSON. CAN J CHEM 36, 1004 (1958)

CONCENTRATION

	MOLAR CONDUCTANCE
2.18800E-02	9.33100E+01
1.00200E-01	8.47800E+01
5.12100E-01	7.18500E+01
8.53200E-01	6.63600E+01
1.24700E+00	6.15800E+01
1.64000E+00	5.71900E+01
2.11300E+00	5.24500E+01
2.92800E+00	4.56700E+01
3.11500E+00	4.41100E+01
3.74200E+00	3.99400E+01
4.54900E+00	3.39000E+01
4.90800E+00	3.16900E+01
5.15700E+00	3.01700E+01
6.19900E+00	2.43800E+01
7.18500E+00	1.97600E+01
7.76200E+00	1.73500E+01
8.04700E+00	1.63000E+01
8.94700E+00	1.32900E+01
1.01900E+01	1.01100E+01
1.14900E+01	7.52100E+00
1.28000E+01	5.61800E+00
1.39300E+01	4.31300E+00
1.42700E+01	3.95500E+00
1.61500E+01	2.43200E+00
1.79500E+01	1.34100E+00
1.90300E+01	8.63900E-01
1.93300E+01	7.69500E-01

CAMPBELL $ PATERSON. CAN J CHEM 36, 1004 (1958)

LITHIUM CHLORATE IN WATER AT 131.8 DEGREES C

TEMP	MS	MO	NU	NU+	NU-	Z+	Z-
131.800	90.390	18.015	2.0	1.0	1.0	1.0	-1.0

CONCENTRATION

DENSITY

-0.	9.33600E-01
1.13100E-01	9.40700E-01
5.32100E-01	9.64500E-01
1.16900E+00	9.99400E-01
1.72900E+00	1.02940E+00
2.37400E+00	1.06410E+00
3.06600E+00	1.10060E+00
3.79400E+00	1.13820E+00
4.58900E+00	1.17990E+00
5.54800E+00	1.23020E+00
6.57200E+00	1.28180E+00
8.16500E+00	1.36300E+00
9.34500E+00	1.42010E+00
1.14000E+01	1.52510E+00
1.26400E+01	1.58550E+00
1.46500E+01	1.68600E+00
1.74200E+01	1.81970E+00
2.04600E+01	1.96810E+00
2.31100E+01	2.08890E+00

CAMPBELL $ PATERSON. CAN J CHEM 36, 1004 (1958)

CONCENTRATION	VISCOSITY
-0.	2.09000E-01

CONCENTRATION	RELATIVE VISCOSITY
1.13100E-01	1.01300E+00
5.32100E-01	1.04700E+00
1.16900E+00	1.11000E+00
1.72900E+00	1.16500E+00
2.37400E+00	1.25700E+00
3.06600E+00	1.32300E+00
3.79400E+00	1.40800E+00
4.58900E+00	1.51900E+00
5.54800E+00	1.68600E+00
6.57200E+00	1.90300E+00
8.16500E+00	2.36400E+00
9.34500E+00	2.83800E+00
1.14000E+01	4.26300E+00
1.26400E+01	5.47700E+00
1.46500E+01	8.83600E+00
1.74200E+01	1.74800E+01
2.04600E+01	4.33800E+01
2.31100E+01	1.13000E+02

CAMPBELL $ PATERSON. CAN J CHEM 36, 1004 (1958)

CONCENTRATION	MOLAR CONDUCTANCE
1.13100E-01	3.04020E+02
5.32100E-01	2.44790E+02
1.16900E+00	2.03760E+02
1.72900E+00	1.79280E+02
2.37400E+00	1.55310E+02
3.06600E+00	1.36500E+02
3.79400E+00	1.16420E+02
4.58900E+00	1.00890E+02
5.54800E+00	8.30400E+01
6.57200E+00	6.77200E+01
8.16500E+00	4.95000E+01
9.34500E+00	3.96200E+01

1.14000E+01	2.77300E+01
1.26400E+01	2.30900E+01
1.46500E+01	1.75900E+01
1.74200E+01	1.24900E+01
2.04600E+01	8.06400E+00
2.31100E+01	5.10800E+00

CAMPBELL $ PATERSON. CAN J CHEM 36, 1004 (1958)

LITHIUM PERCHLORATE IN WATER AT 25 DEGREES C

TEMP	MS	MO	NU	NU+	NU-	Z+	Z-
25.000	106.390	18.015	2.0	1.0	1.0	1.0	-1.0

CONCENTRATION

	DIFFUSION COEFFICIENT
-0.	1.30900E-05
3.30000E-03	1.27700E-05
4.30000E-03	1.27800E-05
4.55000E-03	1.27500E-05
5.30000E-03	1.27300E-05
6.40000E-03	1.27100E-05

HARNED, PARKER $ BLANDER. JACS 77, 2071 (1955)

LITHIUM FLUORIDE IN WATER AT 25 DEGREES C

TEMP	MS	MO	NU	NU+	NU-	Z+	Z-
25.000	25.940	18.015	2.0	1.0	1.0	1.0	-1.0

CONCENTRATION

	DENSITY
1.00000E-04	9.97078E-01
2.00000E-04	9.97079E-01
5.00000E-04	9.97088E-01
1.00000E-03	9.97094E-01
2.00000E-03	9.97118E-01
5.00000E-03	9.97206E-01
1.00000E-02	9.97348E-01
2.00000E-02	9.97630E-01
3.00000E-02	9.97902E-01

JONES $ RAY. JACS 63, 288 (1941)

LITHIUM NITRATE IN WATER AT 0 DEGREES C

TEMP	MS	MO	NU	NU+	NU-	Z+	Z-
-0.	68.940	18.015	2.0	1.0	1.0	1.0	-1.0

MOLES/1000 G OF SOLUTION

	DENSITY
4.01000E-02	1.00161E+00
4.01000E-02	1.00161E+00
8.33000E-02	1.00347E+00
8.33000E-02	1.00352E+00
1.02600E-01	1.00447E+00
1.02600E-01	1.00449E+00
2.29400E-01	1.00990E+00
2.29400E-01	1.00990E+00
4.17900E-01	1.01818E+00
4.17900E-01	1.01815E+00
4.17900E-01	1.01817E+00
4.81800E-01	1.02099E+00
8.57700E-01	1.03775E+00
1.13400E+00	1.05021E+00
1.13400E+00	1.05019E+00
1.57200E+00	1.07040E+00
1.57200E+00	1.07036E+00
2.09900E+00	1.09505E+00
2.50800E+00	1.11466E+00
2.50800E+00	1.11453E+00
2.50800E+00	1.11466E+00

APPLEBEY. J CHEM SOC 97, 2000 (1910)

MOLES/1000 G OF SOLUTION

	RELATIVE VISCOSITY
4.01000E-02	1.00320E+00
8.33000E-02	1.00580E+00
1.02600E-01	1.00760E+00
2.29400E-01	1.01545E+00
4.17900E-01	1.02780E+00
4.81800E-01	1.03250E+00
8.57700E-01	1.06160E+00
1.13400E+00	1.08750E+00
1.57200E+00	1.13450E+00
2.09900E+00	1.20670E+00
2.50800E+00	1.27700E+00

APPLEBEY. J CHEM SOC 97, 2000 (1910)

LITHIUM NITRATE IN WATER AT 18 DEGREES C

TEMP	MS	MO	NU	NU+	NU-	Z+	Z-
18.000	68.940	18.015	2.0	1.0	1.0	1.0	-1.0

MOLES/1000 G OF SOLUTION

	DENSITY
7.24000E-03	9.98920E-01
1.31000E-02	9.99160E-01
1.31000E-02	9.99150E-01
3.79000E-02	1.00016E+00
7.84000E-02	1.00183E+00
7.84000E-02	1.00183E+00

1.44600E-01	1.00452E+00
1.44600E-01	1.00453E+00
2.65300E-01	1.00951E+00
7.03400E-01	1.02769E+00
7.03400E-01	1.02768E+00
1.28300E+00	1.05245E+00
1.47100E+00	1.06066E+00
1.47100E+00	1.06061E+00
2.52800E+00	1.10812E+00
2.52800E+00	1.10812E+00
2.55000E+00	1.10959E+00
2.55000E+00	1.10956E+00
3.12000E+00	1.13685E+00
3.27900E+00	1.14475E+00
3.27900E+00	1.14475E+00
4.36300E+00	1.20080E+00
4.36300E+00	1.20100E+00

APPLEBEY. J CHEM SOC 97, 2000 (1910)

MOLES/1000 G OF SOLUTION

	RELATIVE VISCOSITY
7.24000E-03	1.00124E+00
1.31000E-02	1.00200E+00
3.79000E-02	1.00470E+00
7.84000E-02	1.00905E+00
1.44600E-01	1.01545E+00
2.65300E-01	1.02780E+00
7.03400E-01	1.07370E+00
1.28300E+00	1.14395E+00
1.47100E+00	1.16990E+00
2.52800E+00	1.34985E+00
2.55000E+00	1.35790E+00
3.12000E+00	1.49060E+00
3.27900E+00	1.53670E+00
4.36300E+00	1.93460E+00

APPLEBEY. J CHEM SOC 97, 2000 (1910)

LITHIUM NITRATE IN WATER AT 25 DEGREES C

TEMP	MS	MO	NU	NU+	NU-	Z+	Z-
25.000	68.940	18.015	2.0	1.0	1.0	1.0	-1.0

MOLES/1000 G OF SOLUTION

	DENSITY
-0.	9.97070E-01
1.29600E-01	1.00225E+00
1.37800E-01	1.00262E+00
1.45800E-01	1.00292E+00
1.57100E-01	1.00338E+00
1.72400E-01	1.00396E+00
1.97100E-01	1.00500E+00
2.13700E-01	1.00566E+00
3.14500E-01	1.00969E+00
3.25500E-01	1.01008E+00
3.60500E-01	1.01157E+00

3.90500E-01	1.01276E+00
4.85100E-01	1.01666E+00
6.06600E-01	1.02161E+00
8.28300E-01	1.03080E+00
9.05900E-01	1.03401E+00
1.09680E+00	1.04205E+00
1.27630E+00	1.04967E+00
1.86390E+00	1.07528E+00
2.20270E+00	1.09047E+00
2.46020E+00	1.10223E+00
3.40860E+00	1.14759E+00
5.87600E+00	1.28342E+00

APPLEBEY. J CHEM SOC 97, 2000 (1910)

CONCENTRATION

	DENSITY
9.97000E-03	9.97000E-01
9.90000E-02	1.00100E+00
5.53000E-01	1.01800E+00
9.58000E-01	1.03500E+00
9.95000E-01	1.03600E+00
1.88500E+00	1.07000E+00
2.74000E+00	1.10300E+00
2.95700E+00	1.11100E+00
3.45600E+00	1.13000E+00
3.69800E+00	1.13900E+00
4.85700E+00	1.18200E+00
5.33700E+00	1.20100E+00
5.70300E+00	1.21500E+00
6.91600E+00	1.25900E+00
7.42700E+00	1.27700E+00
8.72600E+00	1.32300E+00
9.12400E+00	1.33900E+00
9.13500E+00	1.34000E+00
9.98600E+00	1.36800E+00
1.15000E+01	1.42700E+00
1.21700E+01	1.45600E+00
1.35500E+01	1.49800E+00

CAMPBELL, DEBUS $ KARTZMARK. CAN J CHEM 33, 1508 (1955)

CONCENTRATION

	DENSITY
1.05720E-02	9.97510E-01
2.10610E-02	9.97930E-01
2.97750E-02	9.98300E-01
3.88480E-02	9.98660E-01
5.08210E-02	9.98970E-01
5.91580E-02	9.99490E-01
6.98720E-02	9.99910E-01
7.62340E-02	1.00010E+00
9.17010E-02	1.00079E+00
1.01110E-01	1.00112E+00
1.49800E-01	1.00332E+00
1.99370E-01	1.00506E+00
2.99180E-01	1.00902E+00
3.99000E-01	1.01293E+00
4.59410E-01	1.01532E+00
5.81420E-01	1.02009E+00
7.11350E-01	1.02509E+00
8.16400E-01	1.02930E+00

9.11910E-01	1.03301E+00
1.00464E+00	1.03667E+00

CAMPBELL $ FRIESEN. CAN J CHEM 37, 1288 (1959)

MOLES/1000 G OF SOLUTION

	RELATIVE VISCOSITY
1.74000E-02	1.00260E+00
2.99000E-02	1.00400E+00
5.67000E-02	1.00670E+00
8.25000E-02	1.00990E+00
1.07100E-01	1.01250E+00
2.33300E-01	1.02670E+00
3.23800E-01	1.03540E+00
3.64300E-01	1.04050E+00
5.38500E-01	1.05975E+00
8.66600E-01	1.09800E+00
9.66300E-01	1.11120E+00
1.31600E+00	1.15670E+00
2.27190E+00	1.31510E+00
3.85410E+00	1.74075E+00
4.57800E+00	2.05770E+00
5.84900E+00	3.02550E+00

APPLEBEY. J CHEM SOC 97, 2000 (1910)

CONCENTRATION

	RELATIVE VISCOSITY
9.97000E-03	1.00500E+00
9.90000E-02	1.01300E+00
5.53000E-01	1.06300E+00
9.58000E-01	1.10900E+00
9.95000E-01	1.11100E+00
1.88500E+00	1.22100E+00
2.74000E+00	1.35100E+00
2.95700E+00	1.39000E+00
3.45600E+00	1.49000E+00
3.69800E+00	1.53400E+00
4.85700E+00	1.82600E+00
5.33700E+00	1.98400E+00
5.70300E+00	2.12200E+00
6.91600E+00	1.63700E+00(sic)
7.42700E+00	1.91400E+00(sic)
8.72600E+00	3.84900E+00
9.12400E+00	4.21800E+00
9.13500E+00	4.23600E+00
9.98600E+00	5.14200E+00
1.15000E+01	7.98700E+00
1.35500E+01	1.48800E+01

CAMPBELL, DEBUS $ KARTZMARK. CAN J CHEM 33, 1508 (1955)

CONCENTRATION

	RELATIVE VISCOSITY
1.05720E-02	1.00000E+00
2.10610E-02	9.99000E-01
2.97750E-02	1.00400E+00
3.88480E-02	1.00500E+00
5.91580E-02	1.00700E+00
6.98720E-02	1.00900E+00
7.62340E-02	1.00800E+00
9.17010E-02	1.01100E+00

1.01110E-01	1.01100E+00
1.49800E-01	1.01700E+00
1.99370E-01	1.02200E+00
2.99180E-01	1.04300E+00
3.99000E-01	1.04200E+00
4.59410E-01	1.05000E+00
5.81420E-01	1.06000E+00
7.11350E-01	1.07500E+00
8.16400E-01	1.08700E+00
9.11910E-01	1.09800E+00
1.00464E+00	1.11400E+00

CAMPBELL $ FRIESEN. CAN J CHEM 37, 1288 (1959)

CONCENTRATION

	MOLAR CONDUCTANCE
9.97000E-03	1.02790E+02
9.90000E-02	9.17400E+01
5.53000E-01	7.68600E+01
9.58000E-01	7.02600E+01
9.95000E-01	6.97800E+01
1.88500E+00	5.89500E+01
2.74000E+00	5.06000E+01
2.95700E+00	4.89800E+01
3.45600E+00	4.47200E+01
3.69800E+00	4.28100E+01
4.85700E+00	3.46800E+01
5.33700E+00	3.16600E+01
5.70300E+00	2.95400E+01
6.91600E+00	2.35200E+01
7.42700E+00	2.12400E+01
8.72600E+00	1.65100E+01
9.12400E+00	1.52100E+01
9.13500E+00	1.51800E+01
9.98600E+00	1.27900E+01
1.15000E+01	9.28000E+00
1.21700E+01	7.99000E+00
1.35500E+01	6.03000E+00

CAMPBELL, DEBUS $ KARTZMARK. CAN J CHEM 33, 1508 (1955)

CONCENTRATION

	EQUIVALENT CONDUCTANCE
1.05720E-02	1.02440E+02
2.10610E-02	9.99700E+01
2.97750E-02	9.80700E+01
3.88480E-02	9.70500E+01
5.08210E-02	9.56600E+01
5.91580E-02	9.47300E+01
6.98720E-02	9.35100E+01
7.62340E-02	9.30700E+01
9.17010E-02	9.21300E+01
1.01110E-01	9.14600E+01
1.49800E-01	8.87200E+01
1.99370E-01	8.66100E+01
2.99180E-01	8.31900E+01
3.99000E-01	8.05300E+01
4.59410E-01	7.91000E+01
5.81420E-01	7.66200E+01
7.11350E-01	7.41800E+01
8.16400E-01	7.25100E+01
9.11910E-01	7.10000E+01

1.00464E+00	6.96400E+01

CAMPBELL $ FRIESEN. CAN J CHEM 37, 1288 (1959)

MOLALITY

	CONDUCTIVITY
6.50000E+00	1.60000E-01
1.01000E+01	1.45000E-01
1.25000E+01	1.27000E-01
1.44000E+01	1.18000E-01
1.85000E+01	9.90000E-02
2.26000E+01	8.70000E-02

BAKULIN. ZH FIZ KHIM 36, 2782 (1962)

NORMALITY

	TRANSFERENCE NUMBER
5.00000E+00	3.10000E-01
6.00000E+00	3.21000E-01
7.00000E+00	3.32000E-01
9.00000E+00	3.58000E-01
1.00000E+01	3.76000E-01
1.20000E+01	4.10000E-01

KAIMAKOV $ VERSHAVSKAYA. USP KHIM 35, 201 (1966)

CONCENTRATION

	DIFFUSION COEFFICIENT
0.	1.33700E-05
1.00000E-01	1.24000E-05
2.00000E-01	1.24300E-05
5.00000E-01	1.26000E-05
1.00000E+00	1.29300E-05
1.50000E+00	1.31700E-05
2.00000E+00	1.33200E-05
2.50000E+00	1.33600E-05
3.00000E+00	1.33200E-05
4.00000E+00	1.29200E-05
5.00000E+00	1.23800E-05
6.00000E+00	1.15700E-05

WISHAW $ STOKES. JACS 76, 2065 (1954)

CONCENTRATION

	DIFFUSION COEFFICIENT
7.10000E-02	1.24000E-05
7.10000E-02	1.24300E-05
1.27800E-01	1.24000E-05
1.27800E-01	1.24000E-05
2.68100E-01	1.24700E-05
2.68100E-01	1.24700E-05
5.98900E-01	1.26700E-05
5.98900E-01	1.26400E-05
1.01400E+00	1.29400E-05
1.01400E+00	1.29300E-05
1.57300E+00	1.32000E-05
1.57300E+00	1.31900E-05
2.52900E+00	1.33500E-05
2.52900E+00	1.33700E-05
3.28300E+00	1.32600E-05
3.28300E+00	1.32300E-05
4.35000E+00	1.27600E-05

4.35000E+00	1.27600E-05
5.12700E+00	1.23000E-05
5.12700E+00	1.22700E-05
6.40400E+00	1.11700E-05
6.40400E+00	1.11700E-05

WISHAW $ STOKES. JACS 76, 2065 (1954)

CONCENTRATION

	DIFFUSION COEFFICIENT
3.33000E-03	1.29500E-05
5.85000E-03	1.28700E-05
9.23000E-03	1.27500E-05
1.00000E-02	1.27800E-05
1.28700E-02	1.27300E-05
1.53300E-02	1.26800E-05

HARNED $ SHROPSHIRE. JACS 80, 2967 (1958)

MOLALITY

	GAMMA
1.00000E-01	7.88000E-01
2.00000E-01	7.52000E-01
3.00000E-01	7.36000E-01
4.00000E-01	7.28000E-01
5.00000E-01	7.26000E-01
6.00000E-01	7.27000E-01
7.00000E-01	7.29000E-01
8.00000E-01	7.33000E-01
9.00000E-01	7.37000E-01
1.00000E+00	7.43000E-01
1.20000E+00	7.57000E-01
1.40000E+00	7.74000E-01
1.60000E+00	7.92000E-01
1.80000E+00	8.12000E-01
2.00000E+00	8.35000E-01
2.50000E+00	8.96000E-01
3.00000E+00	9.66000E-01
3.50000E+00	1.04400E+00
4.00000E+00	1.12500E+00
4.50000E+00	1.21500E+00
5.00000E+00	1.31000E+00
5.50000E+00	1.40700E+00
6.00000E+00	1.50600E+00

ROBINSON $ STOKES. ELECTROLYTE SOLUTIONS, 2ND ED (REV) (1959)

MOLALITY

	GAMMA
7.00000E+00	1.72300E+00
8.00000E+00	1.95200E+00
9.00000E+00	2.19000E+00
1.00000E+01	2.44000E+00
1.10000E+01	2.69000E+00
1.20000E+01	2.95000E+00
1.30000E+01	3.20000E+00

ROBINSON $ STOKES. ELECTROLYTE SOLUTIONS, 2ND ED (REV) (1959)

LITHIUM NITRATE IN WATER AT 35 DEGREES C

TEMP	MS	MO	NU	NU+	NU-	Z+	Z-
35.000	68.940	18.015	2.0	1.0	1.0	1.0	-1.0

CONCENTRATION	DENSITY
1.05400E-02	9.94460E-01
2.09960E-02	9.94850E-01
2.96830E-02	9.95230E-01
3.87290E-02	9.95590E-01
5.06640E-02	9.95890E-01
5.89750E-02	9.96400E-01
6.96540E-02	9.96790E-01
7.59990E-02	9.97000E-01
9.14180E-02	9.97700E-01
1.00790E-01	9.97980E-01
1.49290E-01	9.99970E-01
1.98740E-01	1.00186E+00
2.98210E-01	1.00576E+00
3.97690E-01	1.00960E+00
4.57870E-01	1.01192E+00
5.79450E-01	1.01662E+00
7.08890E-01	1.02154E+00
8.13510E-01	1.02566E+00
9.08620E-01	1.02929E+00
1.00100E+00	1.03287E+00

CAMPBELL $ FRIESEN. CAN J CHEM 37, 1288 (1959)

CONCENTRATION	RELATIVE VISCOSITY
1.05400E-02	1.00000E+00
2.09960E-02	1.00200E+00
2.96830E-02	1.00300E+00
3.87290E-02	1.00600E+00
5.89750E-02	1.00800E+00
6.96540E-02	1.01000E+00
7.59990E-02	1.00800E+00
9.14180E-02	1.01200E+00
1.00790E-01	1.01400E+00
1.49290E-01	1.02000E+00
1.98740E-01	1.02400E+00
2.98210E-01	1.04400E+00
3.97690E-01	1.04500E+00
4.57870E-01	1.05500E+00
5.79450E-01	1.06600E+00
7.08890E-01	1.08100E+00
8.13510E-01	1.09400E+00
9.08620E-01	1.10600E+00
1.00100E+00	1.11700E+00

CAMPBELL $ FRIESEN. CAN J CHEM 37, 1288 (1959)

CONCENTRATION	EQUIVALENT CONDUCTANCE
1.05400E-02	1.23930E+02
2.09960E-02	1.20730E+02
2.96830E-02	1.18790E+02
3.87290E-02	1.17230E+02

5.06640E-02	1.15440E+02
5.89750E-02	1.14370E+02
6.96540E-02	1.12860E+02
7.59990E-02	1.12260E+02
9.14180E-02	1.11110E+02
1.00790E-01	1.10270E+02
1.49290E-01	1.06910E+02
1.98740E-01	1.04280E+02
2.98210E-01	1.00000E+02
3.97690E-01	9.67100E+01
4.57870E-01	9.49600E+01
5.79450E-01	9.18700E+01
7.08890E-01	8.88600E+01
8.13510E-01	8.67900E+01
9.08620E-01	8.49600E+01
1.00100E+00	8.32600E+01

CAMPBELL $ FRIESEN. CAN J CHEM 37, 1288 (1959)

LITHIUM NITRATE IN WATER AT 110 DEGREES C

TEMP	MS	MO	NU	NU+	NU-	Z+	Z-
110.000	68.940	18.015	2.0	1.0	1.0	1.0	-1.0

CONCENTRATION

	DENSITY
-0.	9.51000E-01
9.72000E-02	9.56000E-01
4.93600E-01	9.73000E-01
9.17700E-01	9.88000E-01
1.80200E+00	1.02400E+00
2.63400E+00	1.05300E+00
3.19800E+00	1.07600E+00
4.25200E+00	1.11700E+00
5.45900E+00	1.16000E+00
7.10900E+00	1.22200E+00
8.41100E+00	1.27000E+00
9.23700E+00	1.30000E+00
1.10600E+01	1.36400E+00
1.23100E+01	1.40500E+00
1.43600E+01	1.47600E+00

CAMPBELL, DEBUS $ KARTZMARK. CAN J CHEM 33, 1508 (1955)

CONCENTRATION

	RELATIVE VISCOSITY
9.72000E-02	1.01000E+00
4.93600E-01	1.05300E+00
9.17700E-01	1.09400E+00
1.80200E+00	1.18500E+00
2.63400E+00	1.27600E+00
3.19800E+00	1.34600E+00
4.25200E+00	1.51600E+00
5.45900E+00	1.73900E+00
7.10900E+00	2.19700E+00
8.41100E+00	2.65800E+00
9.23700E+00	3.09700E+00

1.10600E+01	4.48100E+00
1.23100E+01	5.48000E+00
1.43600E+01	7.92000E+00

CAMPBELL, DEBUS $ KARTZMARK. CAN J CHEM 33, 1508 (1955)

CONCENTRATION

	MOLAR CONDUCTANCE
9.72000E-02	2.84560E+02
4.93600E-01	2.25710E+02
9.17700E-01	2.00810E+02
1.80200E+00	1.64030E+02
2.63400E+00	1.38530E+02
3.19800E+00	1.24750E+02
4.25200E+00	1.03250E+02
5.45900E+00	8.20000E+01
7.10900E+00	6.20000E+01
8.41100E+00	5.05700E+01
9.23700E+00	4.46700E+01
1.10600E+01	3.35000E+01
1.23100E+01	2.97200E+01
1.43600E+01	2.31000E+01

CAMPBELL, DEBUS $ KARTZMARK. CAN J CHEM 33, 1508 (1955)

LITHIUM SULFATE IN WATER AT 25 DEGREES C

TEMP	MS	MO	NU	NU+	NU-	Z+	Z-
25.000	109.940	18.015	3.0	2.0	1.0	1.0	-2.0

CONCENTRATION

	RELATIVE DENSITY
8.40000E-04	1.00008E+00
1.71000E-03	1.00017E+00
4.22000E-03	1.00041E+00
8.56000E-03	1.00083E+00
1.69000E-02	1.00163E+00
4.28000E-02	1.00409E+00
8.55900E-02	1.00813E+00
1.73090E-01	1.01626E+00

KAMINSKY. Z PHYSIK CHEM NF 8, 173 (1956)

CONCENTRATION

	RELATIVE VISCOSITY
8.40000E-04	1.00092E+00
1.71000E-03	1.00156E+00
4.22000E-03	1.00321E+00
8.56000E-03	1.00593E+00
1.69000E-02	1.01074E+00
4.28000E-02	1.02533E+00
8.55900E-02	1.04887E+00
1.73090E-01	1.09692E+00

KAMINSKY. Z PHYSIK CHEM NF 8, 173 (1956)

CONCENTRATION

	MOLAR CONDUCTANCE
5.00000E-01	8.95900E+01
1.25000E-01	1.28400E+02
6.25000E-02	1.44500E+02
3.12500E-02	1.59300E+02
7.81250E-03	1.88500E+02
1.95310E-03	2.02800E+02
9.76560E-04	2.11400E+02
4.88280E-04	2.19500E+02

JONES $ JACOBSON. AM CHEM J 40, 355 (1908)

MOLALITY

	CONDUCTIVITY
3.92780E-03	8.08820E-04
5.95570E-03	1.19090E-03
8.93510E-03	1.72700E-03
1.29580E-02	2.42010E-03
1.96930E-02	3.51670E-03
2.94520E-02	5.01730E-03
3.76600E-02	6.21550E-03
5.21990E-02	8.21600E-03
5.39560E-02	8.45700E-03
6.09410E-02	9.37480E-03
8.31120E-02	1.21680E-02
1.18000E-01	1.62340E-02
1.27020E-01	1.72240E-02
1.74410E-01	2.21710E-02
2.45990E-01	2.89020E-02
2.67180E-01	3.07440E-02
3.14310E-01	3.46430E-02
3.62740E-01	3.83680E-02
4.15640E-01	4.21880E-02
4.85460E-01	4.68110E-02
5.37660E-01	5.00410E-02
6.60880E-01	5.67680E-02

INDELLI. RICERCA SCI 23, 2258 (1953)

NORMALITY

	TRANSFERENCE NUMBER
2.00000E-02	3.85000E-01
5.00000E-02	3.86000E-01
1.00000E-01	3.50000E-01
1.00000E+00	2.83000E-01
1.50000E+00	2.59000E-01
2.00000E+00	2.36000E-01
3.00000E+00	2.26000E-01
5.00000E+00	2.11000E-01

KAIMAKOV $ VERSHAVSKAYA. USP KHIM 35, 201 (1966)

CONCENTRATION

	DIFFUSION COEFFICIENT
6.40000E-04	1.00000E-05
7.10000E-04	9.97000E-06
7.10000E-04	9.98000E-06
8.50000E-04	9.93000E-06
2.10000E-03	9.73000E-06
2.67000E-03	9.68000E-06
3.48000E-03	9.61000E-06
4.40000E-03	9.54000E-06

5.73000E-03	9.46000E-06

HARNED $ BLAKE. JACS 73, 2448 (1951)

CONCENTRATION

	GAMMA
2.50000E-02	6.13000E-01
5.00000E-02	5.22000E-01
1.25000E-01	4.25000E-01
2.50000E-01	3.64000E-01
5.00000E-01	3.08000E-01
1.00000E+00	2.63000E-01
1.50000E+00	2.59000E-01
2.00000E+00	2.54000E-01

AKERLOF. J AM CHEM SOC 48, 1160 (1926)

CONCENTRATION

	GAMMA
2.50000E-02	6.01000E-01
5.00000E-02	5.12000E-01
1.25000E-01	4.17000E-01
2.49000E-01	3.57000E-01
4.95000E-01	3.02000E-01
9.79000E-01	2.58000E-01
1.44700E+00	2.54000E-01
1.90300E+00	2.49000E-01

HARNED $ AKERLOF. PHYSIK Z 27, 411 (1926)

MOLALITY

	GAMMA
1.00000E-01	4.78000E-01
2.00000E-01	4.06000E-01
3.00000E-01	3.69000E-01
4.00000E-01	3.44000E-01
5.00000E-01	3.26000E-01
6.00000E-01	3.13000E-01
7.00000E-01	3.03000E-01
8.00000E-01	2.95000E-01
9.00000E-01	2.88000E-01
1.00000E+00	2.83000E-01
1.20000E+00	2.77000E-01
1.40000E+00	2.73000E-01
1.60000E+00	2.71000E-01
1.80000E+00	2.70000E-01
2.00000E+00	2.69000E-01
2.50000E+00	2.80000E-01
3.00000E+00	2.94000E-01

ROBINSON $ STOKES. ELECTROLYTE SOLUTIONS, 2ND ED (REV) (1959)

MOLALITY

	GAMMA
1.00000E-01	4.68000E-01
2.00000E-01	3.99000E-01
3.00000E-01	3.62000E-01
4.00000E-01	3.38500E-01
5.00000E-01	3.21500E-01
6.00000E-01	3.08500E-01
7.00000E-01	2.99000E-01
8.00000E-01	2.91000E-01

9.00000E-01	2.85000E-01
1.00000E+00	2.80500E-01
1.50000E+00	2.68500E-01
2.00000E+00	2.69000E-01
2.50000E+00	2.77500E-01
3.00000E+00	2.93000E-01

ROBINSON, WILSON $ STOKES. J AM CHEM SOC 63, 1011 (1941)

MAGNESIUM CHLORIDE IN WATER AT 25 DEGREES C

TEMP	MS	MO	NU	NU+	NU-	Z+	Z-
25.000	95.220	18.015	3.0	1.0	2.0	2.0	-1.0

NORMALITY

	DENSITY
7.67470E-02	1.00014E+00
9.95380E-02	1.00100E+00
1.63950E-01	1.00353E+00
4.56647E-01	1.01486E+00

SHEDLOVSKY $ BROWN. JACS 56, 1066 (1934)

NORMALITY

	EQUIVALENT CONDUCTANCE
0.	1.29400E+02
1.00000E-03	1.24110E+02
2.00000E-03	1.22040E+02
3.00000E-03	1.20560E+02
4.00000E-03	1.19330E+02
5.00000E-03	1.18310E+02
6.00000E-03	1.17400E+02
7.00000E-03	1.16570E+02
8.00000E-03	1.15850E+02
9.00000E-03	1.15170E+02
1.00000E-02	1.14550E+02
2.00000E-02	1.10040E+02
3.00000E-02	1.07090E+02
4.00000E-02	1.04880E+02
5.00000E-02	1.03080E+02
6.00000E-02	1.01570E+02
7.00000E-02	1.00230E+02
8.00000E-02	9.90700E+01
9.00000E-02	9.80400E+01
1.00000E-01	9.71000E+01

SHEDLOVSKY $ BROWN. JACS 56, 1066 (1934)

MOLALITY

	CONDUCTIVITY
4.98500E-02	9.84000E-03
9.76100E-02	1.80900E-02
2.67900E-01	4.08000E-02
4.67400E-01	6.38000E-02
8.69000E-01	1.05000E-01

KONDRATEV $ NIKICH. ZH FIZ KHIM 37, 100 (1963)

NORMALITY

	TRANSFERENCE NUMBER
1.50000E+00	2.95700E-01
2.00000E+00	2.80500E-01
3.00000E+00	2.56200E-01
5.00000E+00	2.28800E-01
6.00000E+00	2.19700E-01
7.00000E+00	2.14700E-01
9.00000E+00	2.11600E-01

KAIMAKOV $ VERSHAVSKAYA. USP KHIM 35, 201 (1966)

CONCENTRATION

	DIFFUSION COEFFICIENT
0.	1.25100E-05
1.29000E-03	1.18700E-05
1.53000E-03	1.18000E-05
2.05000E-03	1.16800E-05
2.70000E-03	1.16400E-05
2.83000E-03	1.15700E-05
3.09000E-03	1.15700E-05
3.64000E-03	1.15500E-05
4.00000E-03	1.16400E-05

HARNED $ POLESTRA. JACS 76, 2064 (1954)

MOLALITY

	GAMMA
1.00000E-01	5.28000E-01
2.00000E-01	4.88000E-01
3.00000E-01	4.76000E-01
4.00000E-01	4.74000E-01
5.00000E-01	4.80000E-01
6.00000E-01	4.90000E-01
7.00000E-01	5.05000E-01
8.00000E-01	5.21000E-01
9.00000E-01	5.43000E-01
1.00000E+00	5.69000E-01
1.20000E+00	6.30000E-01
1.40000E+00	7.08000E-01
1.60000E+00	8.02000E-01
1.80000E+00	9.14000E-01
2.00000E+00	1.05100E+00
2.50000E+00	1.53800E+00
3.00000E+00	2.32000E+00
3.50000E+00	3.55000E+00
4.00000E+00	5.53000E+00
4.50000E+00	8.72000E+00
5.00000E+00	1.39200E+01

ROBINSON $ STOKES. ELECTROLYTE SOLUTIONS, 2ND ED (REV) (1959)

MAGNESIUM SULFATE IN WATER AT 25 DEGREES C

TEMP	MS	MO	NU	NU+	NU-	Z+	Z-
25.000	120.370	18.015	2.0	1.0	1.0	2.0	-2.0

CONCENTRATION

	RELATIVE DENSITY
5.00000E-04	1.00006E+00
1.00000E-03	1.00012E+00
2.50000E-03	1.00031E+00
5.00000E-03	1.00062E+00
1.00000E-02	1.00124E+00
2.00000E-02	1.00247E+00
4.00000E-02	1.00492E+00
5.00000E-02	1.00613E+00
1.00000E-01	1.01213E+00
2.00000E-01	1.02387E+00

KAMINSKY. Z PHYSIK CHEM NF 12, 206 (1957)

CONCENTRATION

	RELATIVE DENSITY
7.02000E-05	1.00001E+00
1.27000E-04	1.00002E+00
1.96000E-04	1.00003E+00
2.78000E-04	1.00004E+00
3.60000E-04	1.00006E+00
4.66000E-04	1.00007E+00
5.87000E-04	1.00009E+00
5.98000E-04	1.00009E+00
7.27000E-04	1.00011E+00
9.79000E-04	1.00015E+00
1.44200E-03	1.00021E+00
1.94900E-03	1.00028E+00
2.58000E-03	1.00037E+00
3.37100E-03	1.00048E+00
4.22500E-03	1.00059E+00
5.17100E-03	1.00072E+00

ASMUS. ANN DER PHYSIK, SER 5, 35, 1 (1939)

CONCENTRATION

	RELATIVE DENSITY
5.87000E-04	1.00008E+00
9.79000E-04	1.00013E+00
1.44200E-03	1.00020E+00
1.94900E-03	1.00027E+00
2.58000E-03	1.00035E+00
3.38800E-03	1.00047E+00
4.22500E-03	1.00058E+00
5.17100E-03	1.00071E+00

ASMUS. Z PHYSIK 108, 491 (1938)

NORMALITY

	DENSITY
1.22000E+00	1.06650E+00
2.44000E+00	1.13330E+00
3.66000E+00	1.19760E+00
4.88000E+00	1.25800E+00

HERZ. Z ANORG CHEMIE 89, 393 (1914)

NORMALITY

	DENSITY
2.93000E+00	1.15900E+00

4.04000E+00	1.21600E+00
4.84000E+00	1.25600E+00
5.34000E+00	1.28000E+00
5.83000E+00	1.30500E+00

EZROKHI. ZHUR PRIKLAD KHIM 25, 838 (1952)

CONCENTRATION

	RELATIVE VISCOSITY
5.00000E-04	1.00083E+00
1.00000E-03	1.00132E+00
2.50000E-03	1.00263E+00
5.00000E-03	1.00460E+00
1.00000E-02	1.00824E+00
2.00000E-02	1.01515E+00
4.00000E-02	1.02837E+00
5.00000E-02	1.03486E+00
1.00000E-01	1.06689E+00
2.00000E-01	1.12979E+00

KAMINSKY. Z PHYSIK CHEM NF 12, 206 (1957)

CONCENTRATION

	RELATIVE VISCOSITY
7.02000E-05	1.00020E+00
1.27000E-04	1.00027E+00
1.96000E-04	1.00033E+00
2.78000E-04	1.00043E+00
3.60000E-04	1.00054E+00
4.66000E-04	1.00061E+00
5.87000E-04	1.00067E+00
5.98000E-04	1.00068E+00
7.27000E-04	1.00082E+00
9.79000E-04	1.00107E+00
1.44200E-03	1.00147E+00
1.94900E-03	1.00202E+00
2.58000E-03	1.00246E+00
3.37100E-03	1.00308E+00
4.22500E-03	1.00390E+00
5.17100E-03	1.00478E+00

ASMUS. ANN DER PHYSIK, SER 5, 35, 1 (1939)

CONCENTRATION

	RELATIVE VISCOSITY
5.87000E-04	1.00066E+00
9.79000E-04	1.00106E+00
1.44200E-03	1.00146E+00
1.94900E-03	1.00201E+00
2.58000E-03	1.00245E+00
3.38800E-03	1.00302E+00
4.22500E-03	1.00388E+00
5.17100E-03	1.00478E+00

ASMUS. Z PHYSIK 108, 491 (1938)

NORMALITY

	RELATIVE VISCOSITY
1.22000E+00	1.49600E+00
2.44000E+00	2.27900E+00
3.66000E+00	3.62400E+00
4.88000E+00	5.93200E+00

HERZ. Z ANORG CHEMIE 89, 393 (1914)

NORMALITY	RELATIVE VISCOSITY
2.93000E+00	2.68500E+00
4.04000E+00	4.11000E+00
4.84000E+00	5.80000E+00
5.34000E+00	7.26000E+00
5.83000E+00	9.09000E+00

EZROKHI. ZHUR PRIKLAD KHIM 25, 838 (1952)

NORMALITY	EQUIVALENT CONDUCTANCE
2.00000E-04	1.27000E+02
5.00000E-04	1.22800E+02
1.00000E-03	1.18100E+02
2.00000E-03	1.11000E+02
5.00000E-03	9.90000E+01
1.00000E-02	8.90500E+01
2.00000E-02	7.86000E+01
5.00000E-02	6.57500E+01
1.00000E-01	5.74000E+01
2.00000E-01	4.98500E+01
5.00000E-01	4.02000E+01
7.00000E-01	3.66000E+01
1.00000E+00	3.31000E+01
1.30000E+00	2.97000E+01
2.00000E+00	2.50000E+01

FEDOROFF. ANN DE CHIMIE,SER 11, 16, 154 (1941)

CONCENTRATION	EQUIVALENT CONDUCTANCE
5.61000E-03	1.31600E+02
1.12400E-02	1.06000E+02
2.24400E-02	8.69000E+01
4.49000E-02	7.27000E+01
8.98200E-02	6.17000E+01
1.28310E-01	5.63000E+01
1.79610E-01	5.26000E+01
2.56640E-01	4.85000E+01
3.59280E-01	4.47000E+01
5.13230E-01	4.10000E+01
7.18400E-01	3.71000E+01
1.02640E+00	3.34000E+01
1.36820E+00	3.00000E+01
1.43740E+00	2.93000E+01
1.82410E+00	2.63000E+01
2.43450E+00	2.25000E+01
2.87300E+00	1.98000E+01
3.24470E+00	1.80000E+01
4.32760E+00	1.31000E+01
5.74470E+00	8.10000E+00

CALVERT, CORNELIUS, GRIFFITHS $ STOCK. J PHYS CHEM 62, 47 (1958)

NORMALITY	EQUIVALENT CONDUCTANCE
1.16650E-02	8.63010E+01
2.34630E-02	7.62140E+01

4.14110E-02	6.83760E+01
5.66050E-02	6.43660E+01

BREMNER, THOMPSON $ UTTERBACK. J AM CHEM SOC 61, 1219 (1939)

CONCENTRATION	EQUIVALENT CONDUCTANCE
1.00100E-02	7.86000E+01
2.00000E-02	6.90000E+01

FISHER. J PHYS CHEM 66, 1607 (1962)

CONCENTRATION	MOLAR CONDUCTANCE
5.00000E-01	6.05700E+01
1.25000E-01	8.56200E+01
6.25000E-02	9.65000E+01
3.12500E-02	1.12400E+02
7.81250E-03	1.35900E+02
1.95310E-03	1.83300E+02
9.76560E-04	1.98300E+02
4.88280E-04	2.15200E+02

JONES $ JACOBSON. AM CHEM J 40, 355 (1908)

NORMALITY	EQUIVALENT CONDUCTANCE
1.66000E-04	1.27150E+02
2.50000E-04	1.26040E+02
5.00000E-04	1.23120E+02
7.50000E-04	1.20900E+02
1.00000E-03	1.19090E+02
1.66000E-03	1.14850E+02
2.50000E-03	1.10500E+02
5.00000E-03	9.89800E+01
7.50000E-03	9.34500E+01
1.00000E-02	9.12800E+01
2.50000E-02	7.45600E+01
5.00000E-02	6.55000E+01
7.50000E-02	5.99700E+01
1.00000E-01	5.85100E+01
5.00000E-01	4.03600E+01
1.00000E+00	3.26300E+01
1.50000E+00	2.80100E+01
2.00000E+00	2.35500E+01

SEMENCHENKO $ SERPINSKII. ZH OBSHCH KHIM 3, 470 (1933)

CONCENTRATION	DIFFUSION COEFFICIENT
-0.	8.49000E-06
4.80000E-04	7.88000E-06
8.00000E-04	7.79000E-06
1.67000E-03	7.39000E-06
1.70000E-03	7.46000E-06
2.08000E-03	7.40000E-06
2.72000E-03	7.30000E-06
4.57000E-03	7.16000E-06
4.81000E-03	7.09000E-06
6.10000E-03	7.03000E-06
6.36000E-03	7.02000E-06

HARNED $ HUDSON. JACS 73, 5880 (1951)

MOLALITY

	GAMMA
1.00000E-01	1.95000E-01
2.00000E-01	1.40000E-01
3.00000E-01	1.14000E-01
4.00000E-01	9.88000E-02
5.00000E-01	8.82000E-02
7.00000E-01	7.47000E-02
1.00000E+00	6.35000E-02
1.50000E+00	5.59000E-02
2.00000E+00	5.45000E-02
2.50000E+00	5.73000E-02
3.00000E+00	6.44000E-02

ROBINSON $ JONES. JACS 58, 959 (1936)

MOLALITY

	GAMMA
5.00000E-01	6.50000E-02
1.00000E+00	4.64000E-02
1.50000E+00	4.03000E-02
2.00000E+00	3.89000E-02
2.50000E+00	3.99000E-02
3.00000E+00	4.43000E-02
3.50000E+00	5.12000E-02

KANGRO $ GROENEVELD. Z PHYSIK CHEM (FRANKFURT) 32, 110 (1962)

MOLALITY

	GAMMA
1.00000E-01	1.50000E-01
2.00000E-01	1.08000E-01
3.00000E-01	8.80000E-02
4.00000E-01	7.60000E-02
5.00000E-01	6.80000E-02
6.00000E-01	6.20000E-02
7.00000E-01	5.70000E-02
8.00000E-01	5.40000E-02
9.00000E-01	5.10000E-02
1.00000E+00	4.90000E-02
1.20000E+00	4.50000E-02
1.40000E+00	4.40000E-02
1.60000E+00	4.20000E-02
1.80000E+00	4.20000E-02
2.00000E+00	4.20000E-02
2.50000E+00	4.40000E-02
3.00000E+00	4.90000E-02

ROBINSON $ STOKES. TRANS FARADAY SOC 45, 612 (1949)

AMMONIUM BROMIDE IN WATER AT 35 DEGREES C

TEMP	MS	MO	NU	NU+	NU-	Z+	Z-
35.000	97.950	18.015	2.0	1.0	1.0	1.0	-1.0

CONCENTRATION

	DENSITY
7.17970E-02	9.98080E-01
6.35030E-02	9.97700E-01
4.85760E-02	9.96680E-01
4.38200E-02	9.96420E-01
3.73050E-02	9.96110E-01
2.20730E-02	9.95190E-01
1.94300E-02	9.95090E-01

CAMPBELL $ BOCK. CAN J CHEM 36, 330 (1958)

CONCENTRATION

	EQUIVALENT CONDUCTANCE
-0.	1.82730E+02
7.17970E-02	1.59720E+02
6.35030E-02	1.60700E+02
4.85760E-02	1.62730E+02
4.38200E-02	1.63470E+02
3.73050E-02	1.64580E+02
2.20730E-02	1.68040E+02
1.94300E-02	1.68820E+02
2.68110E-03	1.77220E+02
1.77230E-03	1.78240E+02
1.70370E-03	1.78330E+02
9.60630E-04	1.79460E+02
8.57420E-04	1.79740E+02
6.50030E-04	1.80180E+02
3.68220E-04	1.80940E+02
2.54950E-04	1.81510E+02

CAMPBELL $ BOCK. CAN J CHEM 36, 330 (1958)

AMMONIUM CHLORIDE IN WATER AT 25 DEGREES C

TEMP	MS	MO	NU	NU+	NU-	Z+	Z-
25.000	53.490	18.015	2.0	1.0	1.0	1.0	-1.0

MOLALITY

	DENSITY
-0.	9.97074E-01
1.00000E-01	9.98789E-01
2.00000E-01	1.00045E+00
4.00000E-01	1.00366E+00
6.00000E-01	1.00676E+00
8.00000E-01	1.00975E+00
1.00000E+00	1.01264E+00
2.00000E+00	1.02602E+00
3.00000E+00	1.03781E+00
4.00000E+00	1.04832E+00
5.00000E+00	1.05780E+00
6.00000E+00	1.06646E+00
7.38000E+00	1.07730E+00

PEARCE $ PUMPLIN. JACS 59, 1221 (1937)

CONCENTRATION

	DENSITY
2.00000E-03	9.97115E-01
5.00000E-03	9.97162E-01
9.99900E-03	9.97248E-01
2.00000E-02	9.97423E-01
5.00000E-02	9.97940E-01
1.00005E-01	9.98789E-01
2.00000E-01	1.00047E+00

JONES $ TALLEY. JACS 55, 624 (1933)

CONCENTRATION

	DENSITY
8.00000E-01	1.01015E+00
2.00000E+00	1.02797E+00

LENGYEL $ FEZLER. MAGY KEM FOLYOIRAT 69, 128 (1963)

CONCENTRATION

	RELATIVE VISCOSITY
2.00000E-03	1.00020E+00
5.00000E-03	1.00031E+00
9.99900E-03	1.00045E+00
2.00000E-02	1.00051E+00
5.00000E-02	1.00054E+00
1.00005E-01	1.00036E+00
2.00000E-01	9.99650E-01

JONES $ TALLEY. JACS 55, 624 (1933)

CONCENTRATION

	VISCOSITY
0.	8.91000E-01
4.43700E-01	8.89000E-01
8.87400E-01	8.85000E-01
1.33110E+00	8.82000E-01
1.77480E+00	8.80000E-01
2.21850E+00	8.78000E-01
2.66220E+00	8.87000E-01
3.10590E+00	8.97000E-01
3.54960E+00	9.04000E-01
4.43700E+00	9.25000E-01

GETMAN. JACS 30, 721 (1908)

CONCENTRATION

	RELATIVE VISCOSITY
5.00000E-01	9.97600E-01
1.26800E+00	9.98000E-01
2.53600E+00	1.00200E+00
3.80300E+00	1.01400E+00
5.07100E+00	1.03700E+00

HERZ. Z ANORG CHEMIE 89, 393 (1914)

CONCENTRATION

	MOLAR CONDUCTANCE
0.	1.49700E+02
1.00000E-01	1.28800E+02
2.00000E-01	1.23800E+02
5.00000E-01	1.16800E+02
1.00000E+00	1.11300E+02

2.00000E+00	1.05100E+02
3.00000E+00	1.00200E+02
4.00000E+00	9.51000E+01
5.00000E+00	8.94000E+01

WISHAW $ STOKES. JACS 76, 2065 (1954)

CONCENTRATION

	MOLAR CONDUCTANCE
1.01900E-01	1.28600E+02
2.01500E-01	1.23800E+02
5.01900E-01	1.16800E+02
1.01100E+00	1.11200E+02
2.00500E+00	1.05100E+02
3.00600E+00	1.00200E+02
4.00500E+00	9.51000E+01
5.25200E+00	8.79000E+01

WISHAW $ STOKES. JACS 76, 2065 (1954)

CONCENTRATION

	EQUIVALENT CONDUCTANCE
1.00000E-01	1.28550E+02

MAC INNES $ COWPERTHWAITE. TRANS FARADAY SOC 23, 400 (1927)

CONCENTRATION

	TRANSFERENCE NUMBER
1.00000E-01	4.90000E-01

MAC INNES $ COWPERTHWAITE. TRANS FARADAY SOC 23, 400 (1927)

CONCENTRATION

	TRANSFERENCE NUMBER
1.00000E-02	4.90700E-01
2.00000E-02	4.90600E-01
5.00000E-02	4.90500E-01
1.00000E-01	4.90700E-01
2.00000E-01	4.91100E-01

LONGSWORTH. JACS 57, 1185 (1935)

CONCENTRATION

	DIFFUSION COEFFICIENT
1.00000E-01	1.83800E-05
2.00000E-01	1.83600E-05
3.00000E-01	1.84100E-05
5.00000E-01	1.86100E-05
7.00000E-01	1.88300E-05
1.00000E+00	1.92100E-05
1.50000E+00	1.98600E-05
2.00000E+00	2.05100E-05
2.50000E+00	2.11300E-05
3.00000E+00	2.16400E-05
3.25000E+00	2.18400E-05
3.50000E+00	2.20300E-05
4.00000E+00	2.23500E-05
4.50000E+00	2.25700E-05
5.00000E+00	2.26400E-05

HALL, WISHAW $ STOKES. JACS 75, 1556 (1953)

MOLALITY	GAMMA
1.00000E-01	7.70000E-01
2.00000E-01	7.18000E-01
3.00000E-01	6.87000E-01
4.00000E-01	6.65000E-01
5.00000E-01	6.49000E-01
6.00000E-01	6.36000E-01
7.00000E-01	6.25000E-01
8.00000E-01	6.17000E-01
9.00000E-01	6.09000E-01
1.00000E+00	6.03000E-01
1.20000E+00	5.92000E-01
1.40000E+00	5.84000E-01
1.60000E+00	5.78000E-01
1.80000E+00	5.74000E-01
2.00000E+00	5.70000E-01
2.50000E+00	5.64000E-01
3.00000E+00	5.61000E-01
3.50000E+00	5.60000E-01
4.00000E+00	5.60000E-01
4.50000E+00	5.61000E-01
5.00000E+00	5.62000E-01
5.50000E+00	5.63000E-01
6.00000E+00	5.64000E-01

ROBINSCN $ STOKES. ELECTROLYTE SOLUTIONS, 2ND ED (REV) (1959)

AMMONIUM CHLORIDE IN WATER AT 35 DEGREES C

TEMP	MS	MO	NU	NU+	NU-	Z+	Z-
35.000	53.490	18.015	2.0	1.0	1.0	1.0	-1.0

CONCENTRATION	DENSITY
8.45880E-02	9.95660E-01
6.65220E-02	9.95330E-01
5.03330E-02	9.95130E-01
4.32620E-02	9.94830E-01
3.80140E-02	9.94740E-01
3.22160E-02	9.94620E-01
1.70500E-02	9.94490E-01

CAMPBELL $ BOCK. CAN J CHEM 36, 330 (1958)

CONCENTRATION	EQUIVALENT CONDUCTANCE
-0.	1.80970E+02
8.45880E-02	1.55880E+02
6.65220E-02	1.57920E+02
5.03330E-02	1.60060E+02
4.32620E-02	1.61240E+02
3.80140E-02	1.62270E+02
3.22160E-02	1.63440E+02
1.70500E-02	1.67420E+02
1.83280E-03	1.76520E+02
1.22450E-03	1.77230E+02

8.66420E-04	1.77880E+02
7.90400E-04	1.78150E+02
4.76890E-04	1.78850E+02
4.34360E-04	1.79150E+02

CAMPBELL $ BOCK. CAN J CHEM 36, 330 (1958)

AMMONIUM NITRATE IN WATER AT 25 DEGREES C

TEMP	MS	MO	NU	NU+	NU-	Z+	Z-
25.000	80.040	18.015	2.0	1.0	1.0	1.0	-1.0

CONCENTRATION

	DENSITY
-0.	9.97070E-01
5.40000E-02	9.98830E-01
1.02610E+00	1.02957E+00
1.70090E+00	1.05028E+00
1.91840E+00	1.05670E+00
2.46110E+00	1.07350E+00
3.99400E+00	1.11900E+00
5.53460E+00	1.16370E+00
7.16850E+00	1.21000E+00
7.71000E+00	1.22510E+00
9.45840E+00	1.27340E+00
1.08027E+01	1.31000E+00
1.10800E+01	1.31740E+00

CAMPBELL, GRAY $ KARTZMARK. CAN J CHEM 31, 617 (1953)

CONCENTRATION

	DENSITY
1.00000E-01	1.00020E+00
9.96000E-01	1.02800E+00
1.99600E+00	1.05900E+00
2.99300E+00	1.08900E+00
4.00700E+00	1.11900E+00
4.98400E+00	1.14900E+00
6.01900E+00	1.17800E+00
7.04300E+00	1.20500E+00
8.02600E+00	1.23300E+00
8.89800E+00	1.25700E+00
9.99800E+00	1.28400E+00
1.12820E+01	1.31900E+00

CAMPBELL $ KARTZMARK. CAN J RESEARCH 28B, 161 (1950)

CONCENTRATION

	DENSITY
1.00000E-01	1.00100E+00
1.00400E+00	1.02900E+00
1.99300E+00	1.05900E+00
2.98200E+00	1.08900E+00
4.02000E+00	1.12000E+00
5.01400E+00	1.14900E+00
6.03600E+00	1.17800E+00
7.01500E+00	1.20600E+00

8.01100E+00	1.23400E+00
9.04300E+00	1.26200E+00
1.00040E+01	1.28900E+00
1.12820E+01	1.31900E+00

CAMPBELL $ KARTZMARK. CAN J RESEARCH 28B, 43 (1950)

CONCENTRATION

	DENSITY
9.89300E-03	9.97400E-01
2.00330E-02	9.97760E-01
2.91750E-02	9.98010E-01
3.99700E-02	9.98390E-01
4.79560E-02	9.98660E-01
5.00050E-02	9.98720E-01
5.99970E-02	9.99010E-01
7.00460E-02	9.99380E-01
7.99200E-02	9.99670E-01
8.99680E-02	1.00003E+00
1.00010E-01	1.00036E+00
1.53630E-01	1.00208E+00
2.00900E-01	1.00360E+00
3.02300E-01	1.00684E+00
3.99930E-01	1.00990E+00
4.96470E-01	1.01296E+00
5.97100E-01	1.01613E+00
6.99760E-01	1.01937E+00
7.99430E-01	1.02246E+00
9.02370E-01	1.02566E+00
9.99760E-01	1.02868E+00

CAMPBELL $ FRIESEN. CAN J CHEM 37, 1288 (1959)

MASS FRACTION

	DENSITY
1.00000E-02	1.00110E+00
2.00000E-02	1.00510E+00
4.00000E-02	1.01320E+00
8.00000E-02	1.02970E+00
1.20000E-01	1.04640E+00
1.60000E-01	1.06330E+00
2.00000E-01	1.08060E+00
2.40000E-01	1.09820E+00
2.80000E-01	1.11610E+00
3.00000E-01	1.12520E+00
4.00000E-01	1.17270E+00
5.00000E-01	1.22290E+00

PERRY. CHEMICAL ENGINEERS* HANDBOOK (1963)

CONCENTRATION

	VISCOSITY
-0.	8.93700E-01
5.40000E-02	8.92400E-01
1.02610E+00	8.63500E-01
1.70090E+00	8.56400E-01
1.91840E+00	8.56100E-01
2.46110E+00	8.60400E-01
3.99400E+00	9.00500E-01
5.53460E+00	9.84600E-01
7.16850E+00	1.13240E+00
7.71000E+00	1.20000E+00

9.45840E+00	1.50470E+00
1.08027E+01	1.88200E+00
1.10800E+01	1.99800E+00

CAMPBELL, GRAY $ KARTZMARK. CAN J CHEM 31, 617 (1953)

CONCENTRATION	RELATIVE VISCOSITY
1.00000E-01	9.91000E-01
1.00400E+00	9.60000E-01
1.99300E+00	9.52000E-01
2.98200E+00	9.77000E-01
4.02000E+00	1.00900E+00
5.01400E+00	1.06100E+00
6.03600E+00	1.14400E+00
7.01500E+00	1.23400E+00
8.01100E+00	1.36600E+00
9.04300E+00	1.53100E+00
1.00040E+01	1.77600E+00
1.12820E+01	2.17000E+00

CAMPBELL $ KARTZMARK. CAN J RESEARCH 28B, 43 (1950)

CONCENTRATION	RELATIVE VISCOSITY
1.00000E-01	9.91000E-01
9.96000E-01	9.60000E-01
1.99600E+00	9.52000E-01
2.99300E+00	9.77000E-01
4.00700E+00	1.00900E+00
4.98400E+00	1.06100E+00
6.01900E+00	1.14400E+00
7.04300E+00	1.23400E+00
8.02600E+00	1.36600E+00
8.89800E+00	1.52100E+00
9.99800E+00	1.77600E+00
1.12820E+01	2.17000E+00

CAMPBELL $ KARTZMARK. CAN J RESEARCH 28B, 161 (1950)

CONCENTRATION	RELATIVE VISCOSITY
9.89300E-03	9.99000E-01
2.00330E-02	9.98000E-01
2.91750E-02	9.98000E-01
3.99700E-02	9.97000E-01
4.79560E-02	9.96000E-01
5.00050E-02	9.98000E-01
5.99970E-02	9.96000E-01
7.00460E-02	9.97000E-01
7.99200E-02	9.96000E-01
8.99680E-02	9.96000E-01
1.00010E-01	9.95000E-01
1.53630E-01	9.93000E-01
2.00900E-01	9.90000E-01
3.02300E-01	9.86000E-01
3.99930E-01	9.82000E-01
4.96470E-01	9.77000E-01
5.97100E-01	9.75000E-01
6.99760E-01	9.73000E-01
7.99430E-01	9.68000E-01
9.02370E-01	9.67000E-01

9.99760E-01	9.63000E-01

CAMPBELL $ FRIESEN. CAN J CHEM 37, 1288 (1959)

CONCENTRATION	MOLAR CONDUCTANCE
1.10800E+01	3.17600E+01

CAMPBELL, GRAY $ KARTZMARK. CAN J CHEM 31, 617 (1953)

CONCENTRATION	EQUIVALENT CONDUCTANCE
1.00000E-01	1.12950E+02
1.00400E+00	1.01320E+02
1.99300E+00	9.19500E+01
2.98200E+00	8.42800E+01
4.02000E+00	7.67800E+01
5.01400E+00	7.00000E+01
6.03600E+00	6.31200E+01
7.01500E+00	5.67300E+01
8.01100E+00	5.03600E+01
9.04300E+00	4.39300E+01
1.00040E+01	3.81900E+01
1.12820E+01	3.13000E+01

CAMPBELL $ KARTZMARK. CAN J RESEARCH 28B, 43 (1950)

CONCENTRATION	MOLAR CONDUCTANCE
1.02000E-01	1.22600E+02
1.97800E-01	1.17100E+02
5.00000E-01	1.08600E+02
1.02100E+00	1.01100E+02
2.02000E+00	9.18000E+01
3.03100E+00	8.39000E+01
4.04800E+00	7.66000E+01
5.11000E+00	6.93000E+01
6.13000E+00	6.25000E+01
7.05000E+00	5.66000E+01
7.83000E+00	5.15000E+01
7.95000E+00	5.07000E+01
-0.	1.44840E+02
1.00000E-01	1.22700E+02
2.00000E-01	1.17000E+02
5.00000E-01	1.08600E+02
1.00000E+00	1.01400E+02
2.00000E+00	9.19000E+01
3.00000E+00	8.41000E+01
4.00000E+00	7.70000E+01
5.00000E+00	7.00000E+01
6.00000E+00	6.33000E+01
7.00000E+00	5.68000E+01
8.00000E+00	5.04000E+01

WISHAW $ STOKES. JACS 76, 2065 (1954)

CONCENTRATION	MOLAR CONDUCTANCE
9.89300E-03	1.36470E+02
2.00330E-02	1.33320E+02
2.91750E-02	1.31260E+02
3.99700E-02	1.29330E+02

4.79560E-02	1.28130E+02
5.00050E-02	1.27860E+02
5.99970E-02	1.26660E+02
7.00460E-02	1.25500E+02
7.99200E-02	1.24540E+02
8.99680E-02	1.23700E+02
1.00010E-01	1.22830E+02
1.53630E-01	1.19390E+02
2.00900E-01	1.17100E+02
3.02300E-01	1.13460E+02
3.99930E-01	1.10830E+02
4.96470E-01	1.08740E+02
5.97100E-01	1.06900E+02
6.99760E-01	1.05230E+02
7.99430E-01	1.03770E+02
9.02370E-01	1.02510E+02
9.99760E-01	1.01320E+02

CAMPBELL $ FRIESEN. CAN J CHEM 37, 1288 (1959)

CONCENTRATION

	MOLAR CONDUCTANCE
1.00000E-03	1.42000E+02
2.00000E-03	1.41400E+02
5.00000E-03	1.38700E+02
1.00000E-02	1.36200E+02
2.00000E-02	1.33300E+02
5.00000E-02	1.28000E+02
7.00000E-02	1.25500E+02
1.00000E-01	1.22800E+02
2.00000E-01	1.16900E+02
5.00000E-01	1.08000E+02

LANDOLT-BORNSTEIN. VOL 2, PART 7 (1960)

CONCENTRATION

	EQUIVALENT CONDUCTANCE
1.00000E-01	1.23000E+02

MAC INNES $ COWPERTHWAITE. TRANS FARADAY SOC 23, 400 (1927)

CONCENTRATION

	TRANSFERENCE NUMBER
1.00000E-01	5.13000E-01

MAC INNES $ COWPERTHWAITE. TRANS FARADAY SOC 23, 400 (1927)

CONCENTRATION

	TRANSFERENCE NUMBER
2.13000E-01	5.14000E-01

MILIOS $ NEWMAN. UCRL-18105. FEBRUARY, 1968

CONCENTRATION

	DIFFUSION COEFFICIENT
5.07000E-02	1.79100E-05
5.07000E-02	1.78500E-05
1.01100E-01	1.76900E-05
2.02400E-01	1.75000E-05
2.02400E-01	1.74700E-05
4.05000E-01	1.73100E-05
4.05000E-01	1.73100E-05

1.00100E+00	1.69500E-05
1.00100E+00	1.68500E-05
2.02600E+00	1.63800E-05
2.02600E+00	1.63300E-05
3.00000E+00	1.57600E-05
4.00000E+00	1.52200E-05
4.00000E+00	1.52200E-05
5.10400E+00	1.46900E-05
5.10400E+00	1.47000E-05
6.00400E+00	1.41800E-05
6.00400E+00	1.42200E-05
7.62800E+00	1.33800E-05

WISHAW $ STOKES. JACS 76, 2065 (1954)

CONCENTRATION

	DIFFUSION COEFFICIENT
-0.	1.92800E-05
1.00000E-01	1.76900E-05
2.00000E-01	1.74900E-05
5.00000E-01	1.72400E-05
1.00000E+00	1.69000E-05
1.50000E+00	1.66100E-05
2.00000E+00	1.63300E-05
2.50000E+00	1.60500E-05
3.00000E+00	1.57800E-05
4.00000E+00	1.52400E-05
5.00000E+00	1.47200E-05
6.00000E+00	1.42100E-05
7.00000E+00	1.37000E-05
8.00000E+00	1.32000E-05

WISHAW $ STOKES. JACS 76, 2065 (1954)

MOLALITY

	GAMMA
1.00000E-01	7.40000E-01
2.00000E-01	6.77000E-01
3.00000E-01	6.36000E-01
4.00000E-01	6.06000E-01
5.00000E-01	5.82000E-01
6.00000E-01	5.62000E-01
7.00000E-01	5.45000E-01
8.00000E-01	5.30000E-01
9.00000E-01	5.16000E-01
1.00000E+00	5.04000E-01
1.20000E+00	4.83000E-01
1.40000E+00	4.64000E-01
1.60000E+00	4.47000E-01
1.80000E+00	4.33000E-01
2.00000E+00	4.19000E-01
2.50000E+00	3.91000E-01
3.00000E+00	3.68000E-01
3.50000E+00	3.48000E-01
4.00000E+00	3.31000E-01
4.50000E+00	3.16000E-01
5.00000E+00	3.02000E-01
5.50000E+00	2.90000E-01
6.00000E+00	2.79000E-01

ROBINSON $ STOKES. ELECTROLYTE SOLUTIONS, 2ND ED (REV) (1959)

MOLALITY

	GAMMA
7.00000E+00	2.60500E-01
8.00000E+00	2.45100E-01
9.00000E+00	2.31800E-01
1.00000E+01	2.20500E-01
1.10000E+01	2.10400E-01
1.20000E+01	2.01600E-01
1.30000E+01	1.93600E-01
1.40000E+01	1.86400E-01
1.50000E+01	1.79700E-01
1.60000E+01	1.73600E-01
1.70000E+01	1.67900E-01
1.80000E+01	1.62800E-01
1.90000E+01	1.57900E-01
2.00000E+01	1.53400E-01

ROBINSON $ STOKES. ELECTROLYTE SOLUTIONS, 2ND ED (REV) (1959)

AMMONIUM NITRATE IN WATER AT 35 DEGREES C

TEMP	MS	MO	NU	NU+	NU-	Z+	Z-
35.000	80.040	18.015	2.0	1.0	1.0	1.0	-1.0

CONCENTRATION

	DENSITY
-0.	9.94060E-01
5.38000E-02	9.95750E-01
1.02340E+00	1.02690E+00
1.69400E+00	1.04610E+00
1.91040E+00	1.05230E+00
2.45050E+00	1.06880E+00
3.97490E+00	1.11360E+00
5.50650E+00	1.15790E+00
7.13180E+00	1.20380E+00
7.67050E+00	1.21880E+00
9.40860E+00	1.26670E+00
1.07490E+01	1.30350E+00
1.19500E+01	1.33840E+00

CAMPBELL, GRAY $ KARTZMARK. CAN J CHEM 31, 617 (1953)

CONCENTRATION

	DENSITY
7.76010E-02	9.96430E-01
6.12040E-02	9.95890E-01
5.06200E-02	9.95550E-01
4.45890E-02	9.95450E-01
3.68730E-02	9.95220E-01
3.06580E-02	9.95050E-01
2.30100E-02	9.94430E-01

CAMPBELL $ BOCK. CAN J CHEM 36, 330 (1958)

CONCENTRATION

	DENSITY
9.86400E-03	9.94390E-01

1.99720E-02	9.94720E-01
2.90870E-02	9.94980E-01
3.98510E-02	9.95400E-01
4.78080E-02	9.95590E-01
4.98510E-02	9.95660E-01
5.98130E-02	9.95940E-01
6.98280E-02	9.96280E-01
7.96730E-02	9.96580E-01
8.96840E-02	9.96870E-01
9.96910E-02	9.97200E-01
1.53150E-01	9.98940E-01
2.00260E-01	1.00041E+00
3.01300E-01	1.00353E+00
3.98590E-01	1.00650E+00
4.94780E-01	1.00951E+00
5.94980E-01	1.01251E+00
6.97270E-01	1.01575E+00
7.96550E-01	1.01877E+00
8.99050E-01	1.02189E+00
9.95780E-01	1.02458E+00

CAMPBELL $ FRIESEN. CAN J CHEM 37, 1288 (1959)

CONCENTRATION	VISCOSITY
-0.	7.22500E-01
5.38000E-02	7.22200E-01
1.02340E+00	7.11900E-01
1.69400E+00	7.11400E-01
1.91040E+00	7.13200E-01
2.45050E+00	7.21100E-01
3.97490E+00	7.63900E-01
5.50650E+00	8.42700E-01
7.13180E+00	9.74800E-01
7.67050E+00	1.03250E+00
9.40860E+00	1.29510E+00
1.07490E+01	1.61390E+00
1.19500E+01	2.08070E+00

CAMPBELL, GRAY $ KARTZMARK. CAN J CHEM 31, 617 (1953)

CONCENTRATION	RELATIVE VISCOSITY
9.86400E-03	9.99000E-01
1.99720E-02	9.99000E-01
2.90870E-02	9.99000E-01
3.98510E-02	9.98000E-01
4.78080E-02	9.97000E-01
4.98510E-02	9.98000E-01
5.98130E-02	9.98000E-01
6.98280E-02	9.98000E-01
7.96730E-02	9.97000E-01
8.96840E-02	9.97000E-01
9.96910E-02	9.98000E-01
1.53150E-01	9.96000E-01
2.00260E-01	9.95000E-01
3.01300E-01	9.92000E-01
3.98590E-01	9.92000E-01
4.94780E-01	9.88000E-01
5.94980E-01	9.87000E-01
6.97270E-01	9.87000E-01
7.96550E-01	9.84000E-01

8.99050E-01	9.84000E-01
9.95780E-01	9.82000E-01

CAMPBELL $ FRIESEN. CAN J CHEM 37, 1288 (1959)

CONCENTRATION	MOLAR CONDUCTANCE
5.38000E-02	1.53100E+02
1.02340E+00	1.19400E+02
1.69400E+00	1.11000E+02
1.91040E+00	1.08200E+02
2.45040E+00	1.03200E+02
3.97490E+00	8.91700E+01
5.50650E+00	7.64600E+01
7.13180E+00	6.38600E+01
7.67050E+00	5.98400E+01
9.40860E+00	4.74600E+01
1.07490E+01	3.85200E+01
1.19500E+01	3.09800E+01

CAMPBELL, GRAY $ KARTZMARK. CAN J CHEM 31, 617 (1953)

CONCENTRATION	MOLAR CONDUCTANCE
7.76010E-02	1.49280E+02
6.12040E-02	1.51400E+02
5.06200E-02	1.52980E+02
4.45890E-02	1.54010E+02
3.68730E-02	1.55490E+02
3.06580E-02	1.56820E+02
2.30100E-02	1.58910E+02
4.62080E-03	1.66920E+02
2.19460E-03	1.69320E+02
1.29590E-03	1.70500E+02
1.05780E-03	1.70950E+02
6.03300E-04	1.71860E+02
5.83020E-04	1.71970E+02
5.05340E-04	1.72020E+02
2.57300E-04	1.72920E+02

CAMPBELL $ BOCK. CAN J CHEM 36, 330 (1958)

CONCENTRATION	MOLAR CONDUCTANCE
9.86400E-03	1.63730E+02
1.99720E-02	1.59780E+02
2.90870E-02	1.57310E+02
3.98510E-02	1.54940E+02
4.78080E-02	1.53490E+02
4.98510E-02	1.53140E+02
5.98130E-02	1.51650E+02
6.98280E-02	1.50280E+02
7.96730E-02	1.49080E+02
8.96840E-02	1.48040E+02
9.96910E-02	1.47030E+02
1.53150E-01	1.42730E+02
2.00260E-01	1.39890E+02
3.01300E-01	1.35370E+02
3.98590E-01	1.32040E+02
4.94780E-01	1.29400E+02
5.94980E-01	1.27030E+02
6.97270E-01	1.24940E+02

7.96550E-01	1.23060E+02
8.99050E-01	1.21390E+02
9.95780E-01	1.19940E+02

CAMPBELL $ FRIESEN. CAN J CHEM 37, 1288 (1959)

AMMONIUM NITRATE IN WATER AT 95 DEGREES C

TEMP	MS	MO	NU	NU+	NU-	Z+	Z-
95.000	80.040	18.015	2.0	1.0	1.0	1.0	-1.0

CONCENTRATION

	DENSITY
-0.	9.61920E-01
8.78000E-02	9.65600E-01
1.94000E-01	9.67700E-01
9.96300E-01	9.91800E-01
1.52500E+00	1.00710E+00
2.57600E+00	1.03650E+00
3.60000E+00	1.06900E+00
4.22100E+00	1.08600E+00
5.32500E+00	1.11800E+00
6.63200E+00	1.15700E+00
7.95000E+00	1.19800E+00
8.74000E+00	1.21700E+00
1.01200E+01	1.25300E+00
1.11300E+01	1.28100E+00
1.33100E+01	1.33600E+00
1.48100E+01	1.38500E+00

CAMPBELL $ KARTZMARK. CAN J CHEM 30, 128 (1952)

CONCENTRATION

	RELATIVE VISCOSITY
1.94000E-01	1.01600E+00
9.96300E-01	1.05400E+00
1.52500E+00	1.07600E+00
2.57600E+00	1.14200E+00
3.60000E+00	1.21700E+00
4.22100E+00	1.29600E+00
6.63200E+00	1.55500E+00
7.95000E+00	1.77700E+00
8.74000E+00	1.91300E+00
1.01200E+01	2.38100E+00
1.11300E+01	2.70500E+00
1.33100E+01	3.89000E+00
1.48100E+01	4.29000E+00

CAMPBELL $ KARTZMARK. CAN J CHEM 30, 128 (1952)

CONCENTRATION

	MOLAR CONDUCTANCE
8.78000E-02	3.06200E+02
1.94000E-01	2.75300E+02
9.96300E-01	2.34800E+02
1.52500E+00	2.13600E+02
2.57600E+00	1.85600E+02

3.60000E+00	1.66900E+02
4.22100E+00	1.54700E+02
5.32500E+00	1.35600E+02
6.63200E+00	1.16000E+02
7.95000E+00	9.78100E+01
8.74000E+00	8.80400E+01
1.01200E+01	7.24400E+01
1.11300E+01	6.19900E+01
1.33100E+01	4.20700E+01
1.48100E+01	2.87100E+01

CAMPBELL $ KARTZMARK. CAN J CHEM 30, 128 (1952)

AMMONIUM NITRATE IN WATER AT 180 DEGREES C

TEMP	MS	MO	NU	NU+	NU-	Z+	Z-
180.000	80.040	18.015	2.0	1.0	1.0	1.0	-1.0

CONCENTRATION

	DENSITY
8.90000E-02	8.91900E-01
9.86900E-01	9.27600E-01
1.92200E+00	9.57100E-01
2.98200E+00	9.93500E-01
2.98800E+00	9.95500E-01
4.13600E+00	1.03000E+00
5.13300E+00	1.06200E+00
5.12800E+00	1.06100E+00
6.20700E+00	1.09900E+00
7.02900E+00	1.12100E+00
7.85400E+00	1.14500E+00
8.53400E+00	1.16600E+00
9.17000E+00	1.18400E+00
1.01500E+01	1.21800E+00
1.01300E+01	1.21300E+00
1.09500E+01	1.23100E+00
1.21400E+01	1.27200E+00
1.27000E+01	1.29000E+00
1.38400E+01	1.32200E+00
1.41100E+01	1.32600E+00
1.49800E+01	1.35500E+00
1.80000E+01	1.44000E+00

CAMPBELL, KARTZMARK, BEDNAS $ HERRON. CAN J CHEM 32, 1051 (1954)

MASS FRACTION

	RELATIVE VISCOSITY
8.00000E-03	1.01100E+00
8.51000E-02	1.09300E+00
1.60600E-01	1.16800E+00
2.39700E-01	1.26800E+00
3.20600E-01	1.39500E+00
3.86800E-01	1.52400E+00
4.52400E-01	1.71500E+00
5.01900E-01	1.86200E+00
5.48900E-01	2.05500E+00
5.85900E-01	2.23700E+00

6.19600E-01	2.39700E+00
6.97000E-01	2.81900E+00
7.65000E-01	3.34000E+00
8.40700E-01	3.98000E+00
8.86300E-01	4.65000E+00
1.00000E+00	1.01000E+01

CAMPBELL $ DEBUS. CAN J CHEM 33, 1730 (1955)

CONCENTRATION	MOLAR CONDUCTANCE
8.90000E-02	5.32300E+02
9.86800E-01	3.80200E+02
1.92200E+00	3.22200E+02
2.98200E+00	2.74000E+02
2.98800E+00	2.73300E+02
4.13600E+00	2.35000E+02
5.12800E+00	2.06100E+02
6.20700E+00	1.77200E+02
7.02900E+00	1.59200E+02
7.85400E+00	1.42900E+02
8.53400E+00	1.31000E+02
9.17000E+00	1.20400E+02
1.01500E+01	1.04700E+02
1.01300E+01	1.03700E+02
1.09500E+01	9.26000E+01
1.21400E+01	7.69200E+01
1.27000E+01	6.95100E+01
1.38400E+01	5.69400E+01
1.41100E+01	5.54000E+01
1.49800E+01	4.67500E+01
1.80000E+01	2.41000E+01

CAMPBELL, KARTZMARK, BEDNAS $ HERRON. CAN J CHEM 32, 1051 (1954)

AMMONIUM SULFATE IN WATER AT 25 DEGREES C

TEMP	MS	MO	NU	NU+	NU-	Z+	Z-
25.000	132.140	18.015	3.0	2.0	1.0	1.0	-2.0

CONCENTRATION	DIFFUSION COEFFICIENT
-0.	1.52700E-05
5.00000E-02	8.02000E-06
1.00000E-01	8.25000E-06
2.00000E-01	8.67000E-06
5.00000E-01	9.38000E-06
1.00000E+00	1.01100E-05
1.50000E+00	1.04700E-05
2.00000E+00	1.06900E-05
2.50000E+00	1.08800E-05
3.00000E+00	1.10600E-05
3.60000E+00	1.12500E-05
5.25000E-02	8.00000E-06
5.25000E-02	8.05000E-06
1.00200E-01	8.25000E-06
1.00200E-01	8.25000E-06

2.05000E-01	8.69000E-06
2.05000E-01	8.69000E-06
3.82400E-01	9.15000E-06
3.82400E-01	9.17000E-06
5.62100E-01	9.50000E-06
5.62100E-01	9.50000E-06
1.15500E+00	1.02700E-05
1.15500E+00	1.02500E-05
2.39300E+00	1.08600E-05
2.39300E+00	1.08200E-05
3.59400E+00	1.12600E-05
3.59400E+00	1.12400E-05

WISHAW $ STOKES. JACS 76, 2065 (1954)

SODIUM BROMIDE IN WATER AT 25 DEGREES C

TEMP	MS	MO	NU	NU+	NU-	Z+	Z-
25.000	102.900	18.015	2.0	1.0	1.0	1.0	-1.0

MASS FRACTION

	DENSITY
4.91000E-02	1.03573E+00
1.49970E-01	1.12361E+00
2.50040E-01	1.22457E+00
3.45540E-01	1.33725E+00
4.43380E-01	1.47423E+00

GIBSON $ LOEFFLER. ANN N Y ACAD SCI 51, 727 (1949)

MOLALITY

	RELATIVE VISCOSITY
1.00000E+00	1.06000E+00
2.00000E+00	1.15000E+00
3.00000E+00	1.25000E+00
4.00000E+00	1.38000E+00
5.00000E+00	1.54000E+00
6.00000E+00	1.73000E+00
7.00000E+00	1.96000E+00
8.00000E+00	2.27000E+00
9.00000E+00	2.65000E+00
9.13000E+00	2.71000E+00

TANAKA. NIPPON KAGAKU ZASSHI 83, 639 (1962)

CONCENTRATION

	RELATIVE VISCOSITY
4.96000E-01	1.02800E+00
9.73000E-01	1.05800E+00
1.45800E+00	1.09500E+00
1.94600E+00	1.14600E+00
2.42900E+00	1.19700E+00
2.91800E+00	1.25600E+00
3.40300E+00	1.34500E+00
3.88800E+00	1.43700E+00
4.37300E+00	1.52800E+00
4.86100E+00	1.65100E+00

SATOH $ HAYASHI. BULL CHEM SOC JAPAN 34, 1260 (1961)

CONCENTRATION

	DIFFUSION COEFFICIENT
0.	1.62700E-05
5.00000E-02	1.53300E-05
1.00000E-01	1.51700E-05
2.00000E-01	1.50700E-05
3.00000E-01	1.51500E-05
5.00000E-01	1.54200E-05
7.00000E-01	1.56900E-05
1.00000E+00	1.59600E-05
1.50000E+00	1.62900E-05
2.00000E+00	1.66800E-05
2.50000E+00	1.70200E-05

STOKES. JACS 72, 2243 (1950)

MOLALITY

	GAMMA
1.00000E-01	7.82000E-01
2.00000E-01	7.41000E-01
3.00000E-01	7.19000E-01
4.00000E-01	7.04000E-01
5.00000E-01	6.97000E-01
6.00000E-01	6.92000E-01
7.00000E-01	6.89000E-01
8.00000E-01	6.87000E-01
9.00000E-01	6.87000E-01
1.00000E+00	6.87000E-01
1.20000E+00	6.92000E-01
1.40000E+00	6.99000E-01
1.60000E+00	7.06000E-01
1.80000E+00	7.18000E-01
2.00000E+00	7.31000E-01
2.50000E+00	7.68000E-01
3.00000E+00	8.12000E-01
3.50000E+00	8.65000E-01
4.00000E+00	9.29000E-01

ROBINSON $ STOKES. ELECTROLYTE SOLUTIONS, 2ND ED (REV) (1959)

SODIUM ACETATE IN WATER AT 25 DEGREES C

TEMP	MS	MO	NU	NU+	NU-	Z+	Z-
25.000	82.030	18.015	2.0	1.0	1.0	1.0	-1.0

CONCENTRATION

	RELATIVE DENSITY
5.46000E-02	1.00234E+00
1.06700E-01	1.00451E+00
1.59700E-01	1.00679E+00
2.55900E-01	1.01084E+00
3.67800E-01	1.01549E+00
4.97700E-01	1.02081E+00
6.18000E-01	1.02567E+00

7.45000E-01	1.03087E+00
8.99900E-01	1.03684E+00

DRUCKER. ARKIV KEMI MIN GEOL 22A, NO. 21, 17 PP (1946)

CONCENTRATION

	RELATIVE VISCOSITY
5.46000E-02	1.01870E+00
1.06700E-01	1.03580E+00
1.59700E-01	1.05400E+00
2.55900E-01	1.08660E+00
3.67800E-01	1.12620E+00
4.97700E-01	1.17420E+00
6.18000E-01	1.22040E+00
7.45000E-01	1.27190E+00
8.99900E-01	1.33700E+00

DRUCKER. ARKIV KEMI MIN GEOL 22A, NO. 21, 17 PP (1946)

CONCENTRATION

	TRANSFERENCE NUMBER
1.00000E-02	5.53700E-01
2.00000E-02	5.55000E-01
5.00000E-02	5.57300E-01
1.00000E-01	5.59400E-01
2.00000E-01	5.61000E-01

LONGSWORTH. JACS 57, 1185 (1935)

SODIUM CHLORIDE IN WATER AT 0 DEGREES C

TEMP	MS	MO	NU	NU+	NU-	Z+	Z-
0.	58.440	18.015	2.0	1.0	1.0	1.0	-1.0

CONCENTRATION

	DENSITY
2.00000E-03	9.99960E-01
5.00000E-03	1.00010E+00
1.00000E-02	1.00032E+00
2.00000E-02	1.00078E+00
5.00000E-02	1.00211E+00
1.00000E-01	1.00438E+00
2.00000E-01	1.00877E+00
5.02200E-01	1.02194E+00
1.00588E+00	1.04308E+00
2.01766E+00	1.08362E+00

JONES $ CHRISTIAN. JACS 59, 484 (1937)

CONCENTRATION

	DENSITY
0.	9.99900E-01
1.00140E-01	1.00490E+00
2.00400E-01	1.00950E+00
5.00950E-01	1.02200E+00
1.00420E+00	1.04420E+00
2.01000E+00	1.08410E+00

4.02750E+00	1.16000E+00

LYLE $ HOSKING. PHIL MAG SER 6, 3, 487 (1902)

MASS FRACTION

	DENSITY
1.00000E-02	1.00747E+00
2.00000E-02	1.01509E+00
4.00000E-02	1.03038E+00
6.00000E-02	1.04575E+00
8.00000E-02	1.06121E+00
1.00000E-01	1.07677E+00
1.20000E-01	1.09244E+00
1.40000E-01	1.10824E+00
1.60000E-01	1.12419E+00
1.80000E-01	1.14031E+00
2.00000E-01	1.15663E+00
2.20000E-01	1.17318E+00
2.40000E-01	1.18999E+00
2.60000E-01	1.20709E+00

INTERNATIONAL CRITICAL TABLES (1929)

CONCENTRATION

	VISCOSITY
0.	1.79400E+00
1.00140E-01	1.80500E+00
2.00400E-01	1.80500E+00
5.00950E-01	1.82000E+00
1.00420E+00	1.85100E+00
2.01000E+00	2.03900E+00
4.02750E+00	2.67600E+00

LYLE $ HOSKING. PHIL MAG SER 6, 3, 487 (1902)

CONCENTRATION

	RELATIVE VISCOSITY
2.00000E-03	1.00037E+00
5.00000E-03	1.00037E+00
1.00000E-02	1.00072E+00
2.00000E-02	1.00126E+00
5.00000E-02	1.00211E+00
1.00000E-01	1.00382E+00
2.00000E-01	1.00691E+00
5.02200E-01	1.01906E+00
5.00000E-01	1.01895E+00
1.00588E+00	1.04900E+00
1.00000E+00	1.04858E+00
2.01766E+00	1.14750E+00
2.00000E+00	1.14534E+00

JONES $ CHRISTIAN. JACS 59, 484 (1937)

CONCENTRATION

	MOLAR CONDUCTANCE
9.59790E-02	5.73320E+01
1.92779E-01	5.49450E+01
3.39514E-01	5.27400E+01
4.63196E-01	5.13580E+01
1.00000E-03	6.72000E+01
2.00000E-03	6.55000E+01
5.00000E-03	6.33000E+01

1.00000E-02	6.17000E+01
2.00000E-02	6.02000E+01
5.00000E-02	5.82000E+01
1.00000E-01	5.63000E+01
2.00000E-01	5.40000E+01
5.00000E-01	5.08000E+01
1.00000E+00	4.74000E+01

LANDOLT-BORNSTEIN. VOL 2, PART 7 (1960)

CONCENTRATION	MOLAR CONDUCTANCE
1.00140E-01	5.93800E+01
2.00400E-01	5.69700E+01
5.00950E-01	5.37500E+01
1.00420E+00	4.78500E+01
2.01000E+00	3.97800E+01
4.02750E+00	3.23000E+01

LYLE $ HOSKING. PHIL MAG SER 6, 3, 487 (1902)

CONCENTRATION	TRANSFERENCE NUMBER
0.	3.92600E-01
7.68500E-02	3.70200E-01
1.49600E-01	3.67500E-01
1.99200E-01	3.66000E-01
2.49200E-01	3.65000E-01
2.95600E-01	3.64100E-01
3.97500E-01	3.62500E-01
5.94300E-01	3.60200E-01
9.84300E-01	3.57200E-01
1.46360E+00	3.55100E-01
1.93370E+00	3.53400E-01
1.93460E+00	3.53400E-01
2.39520E+00	3.51900E-01
2.84720E+00	3.50500E-01
3.72150E+00	3.48000E-01

VITAGLIANO. GAZZ CHIM ITAL 90, 1847 (1960)

MOLALITY	TRANSFERENCE NUMBER
5.00000E-02	3.73000E-01
1.00000E-01	3.69000E-01
2.00000E-01	3.66000E-01
5.00000E-01	3.61000E-01
1.00000E+00	3.57000E-01
1.50000E+00	3.55000E-01
2.00000E+00	3.53000E-01
2.50000E+00	3.52000E-01
3.00000E+00	3.51000E-01
3.50000E+00	3.49000E-01
4.00000E+00	3.48000E-01
4.50000E+00	3.47000E-01
5.00000E+00	3.46000E-01

CARAMAZZA. GAZZ CHIM ITAL 90, 1839 (1960)

CONCENTRATION	DIFFUSION COEFFICIENT
0.	7.85200E-06

7.68500E-02	7.25000E-06
1.49600E-01	7.10000E-06
1.99200E-01	7.07000E-06
2.49200E-01	6.99000E-06
2.95600E-01	6.97000E-06
3.97500E-01	6.98000E-06
5.94300E-01	6.99000E-06
9.84300E-01	7.08000E-06
1.46360E+00	7.21000E-06
1.93370E+00	7.34000E-06
1.93460E+00	7.34000E-06
2.39520E+00	7.43000E-06
2.84720E+00	7.56000E-06
3.72150E+00	7.80000E-06

VITAGLIANO. GAZZ CHIM ITAL 90, 1847 (1960)

CONCENTRATION

	1.0 + DLOG(Y)/DLOG(C)
0.	1.00000E+00
7.68500E-02	9.14400E-01
1.49600E-01	9.05100E-01
1.99200E-01	9.03600E-01
2.49200E-01	9.03900E-01
2.95600E-01	9.05300E-01
3.97500E-01	9.10600E-01
5.94300E-01	9.25600E-01
9.84300E-01	9.63900E-01
1.46360E+00	1.02100E+00
1.93370E+00	1.08880E+00
1.93460E+00	1.08890E+00
2.39520E+00	1.16980E+00
2.84720E+00	1.26640E+00
3.72150E+00	1.51460E+00

VITAGLIANO. GAZZ CHIM ITAL 90, 1847 (1960)

MOLALITY

	GAMMA
1.00000E-03	9.66000E-01
1.00000E-02	9.04000E-01
5.00000E-02	8.22000E-01
1.00000E-01	7.72000E-01
2.00000E-01	7.23000E-01
5.00000E-01	6.64000E-01
1.00000E+00	6.31000E-01
1.50000E+00	6.20000E-01
2.00000E+00	6.24000E-01
2.50000E+00	6.32000E-01
3.00000E+00	6.52000E-01
3.50000E+00	6.80000E-01
4.00000E+00	7.10000E-01
4.50000E+00	7.48000E-01
5.00000E+00	7.93000E-01

CARAMAZZA. GAZZ CHIM ITAL 90, 1839 (1960)

SODIUM CHLORIDE IN WATER AT 15 DEGREES C

TEMP	MS	MO	NU	NU+	NU-	Z+	Z-
15.000	58.440	18.015	2.0	1.0	1.0	1.0	-1.0

CONCENTRATION

	EQUIVALENT CONDUCTANCE
-0.	1.01180E+02
5.00000E-04	9.96100E+01
1.00000E-03	9.89800E+01
2.00000E-03	9.81000E+01
5.00000E-03	9.64700E+01
1.00000E-02	9.48600E+01

BENSON $ GORDON. J CHEM PHYS 13, 473 (1945)

CONCENTRATION

	TRANSFERENCE NUMBER
-0.	3.92900E-01
5.00000E-04	3.91800E-01
1.00000E-03	3.91400E-01
2.00000E-03	3.90800E-01
5.00000E-03	3.89700E-01
1.00000E-02	3.88500E-01
2.00000E-02	3.87000E-01
5.00000E-02	3.84600E-01
7.00000E-02	3.83700E-01
1.00000E-01	3.82000E-01

ALLGOOD $ GORDON. J CHEM PHYS 10, 124 (1942)

CONCENTRATION

	TRANSFERENCE NUMBER
1.49500E-02	3.87500E-01
1.50810E-02	3.87800E-01
1.99900E-02	3.86900E-01
2.01860E-02	3.87000E-01
4.00460E-02	3.85200E-01
4.00900E-02	3.85300E-01
4.02990E-02	3.85300E-01
6.53240E-02	3.83800E-01
6.53240E-02	3.83600E-01
6.53240E-02	3.84000E-01
6.61620E-02	3.83900E-01
9.94400E-02	3.81800E-01
9.99400E-02	3.81700E-01
1.00340E-01	3.82000E-01

ALLGOOD $ GORDON. J CHEM PHYS 10, 124 (1942)

SODIUM CHLORIDE IN WATER AT 18 DEGREES C

TEMP	MS	MO	NU	NU+	NU-	Z+	Z-
18.000	58.440	18.015	2.0	1.0	1.0	1.0	-1.0

CONCENTRATION

DENSITY

0.	9.98600E-01
9.99700E-02	1.00320E+00
2.00000E-01	1.00750E+00
4.99800E-01	1.01950E+00
1.00010E+00	1.04010E+00
1.99900E+00	1.07820E+00
3.99900E+00	1.15170E+00

LYLE $ HOSKING. PHIL MAG SER 6, 3, 487 (1902)

CONCENTRATION

	DENSITY
5.00000E-02	1.00076E+00
1.00000E-01	1.00294E+00
2.00000E-01	1.00712E+00
5.00000E-01	1.01930E+00
1.00000E+00	1.03910E+00

GRUNEISEN. WISS ABH PHYSIK-TECHN REICH 4, 237 (1905)

CONCENTRATION

	VISCOSITY
0.	1.06000E+00
9.99700E-02	1.06300E+00
2.00000E-01	1.06300E+00
4.99800E-01	1.09200E+00
1.00010E+00	1.13500E+00
1.99900E+00	1.23700E+00
3.99900E+00	1.63600E+00

LYLE $ HOSKING. PHIL MAG SER 6, 3, 487 (1902)

CONCENTRATION

	RELATIVE VISCOSITY
5.00000E-02	1.00462E+00
1.00000E-01	1.00863E+00
2.00000E-01	1.01672E+00
5.00000E-01	1.04099E+00
1.00000E+00	1.08580E+00

GRUNEISEN. WISS ABH PHYSIK-TECHN REICH 4, 237 (1905)

CONCENTRATION

	RELATIVE VISCOSITY
1.43600E+00	1.14300E+00
2.69800E+00	1.31800E+00
4.66300E+00	1.74900E+00

GRUNEISEN. WISS ABH PHYSIK-TECHN REICH 4, 237 (1905)

CONCENTRATION

	MOLAR CONDUCTANCE
9.99700E-02	9.47600E+01
2.00000E-01	8.92000E+01
4.99800E-01	8.27600E+01
1.00010E+00	7.40600E+01
1.99900E+00	6.44300E+01
3.99900E+00	4.89500E+01

LYLE $ HOSKING. PHIL MAG SER 6, 3, 487 (1902)

CONCENTRATION

	MOLAR CONDUCTANCE
1.00000E-04	1.08100E+02
2.00000E-04	1.07820E+02
5.00000E-04	1.07180E+02
1.00000E-03	1.06490E+02
2.00000E-03	1.05550E+02
5.00000E-03	1.03780E+02
1.00000E-02	1.01950E+02
2.00000E-02	9.96200E+01
5.00000E-02	9.57100E+01
1.00000E-01	9.20200E+01
2.00000E-01	8.77300E+01
5.00000E-01	8.09400E+01
1.00000E+00	7.43500E+01
2.00000E+00	6.48000E+01
3.00000E+00	5.65000E+01
5.00000E+00	4.27000E+01

LANDOLT-BORNSTEIN. VOL 2, PART 7 (1960)

CONCENTRATION

	MOLAR CONDUCTANCE
8.84000E-01	7.60000E+01
1.83000E+00	6.62000E+01
2.84300E+00	5.78000E+01
3.92400E+00	4.99000E+01
5.08500E+00	4.20000E+01
5.32500E+00	4.04000E+01
5.42100E+00	3.98000E+01

LANDOLT-BORNSTEIN. VOL 2, PART 7 (1960)

CONCENTRATION

	TRANSFERENCE NUMBER
0.	3.93400E-01
6.97700E-02	3.82200E-01
9.96800E-02	3.80000E-01
1.98600E-01	3.75300E-01
2.97800E-01	3.72300E-01
3.96900E-01	3.70000E-01
5.90800E-01	3.67000E-01
7.87200E-01	3.64600E-01
7.87500E-01	3.64500E-01
9.81000E-01	3.62800E-01
1.17260E+00	3.61400E-01
1.45770E+00	3.59700E-01
1.92060E+00	3.57200E-01
2.38220E+00	3.55300E-01
2.82990E+00	3.53500E-01
3.26640E+00	3.52000E-01
3.69750E+00	3.50500E-01
4.11590E+00	3.49200E-01
4.11640E+00	3.49200E-01
4.64350E+00	3.47700E-01
4.95850E+00	3.46800E-01

VITAGLIANO. GAZZ CHIM ITAL 90, 1847 (1960)

MOLALITY

	TRANSFERENCE NUMBER
5.00000E-02	3.85000E-01
1.00000E-01	3.80000E-01

2.00000E-01	3.75000E-01
5.00000E-01	3.68000E-01
1.00000E+00	3.63000E-01
1.50000E+00	3.60000E-01
2.00000E+00	3.57000E-01
2.50000E+00	3.55000E-01
3.00000E+00	3.54000E-01
3.50000E+00	3.52000E-01
4.00000E+00	3.50000E-01
4.50000E+00	3.49000E-01
5.00000E+00	3.48000E-01

CARAMAZZA. GAZZ CHIM ITAL 90, 1839 (1960)

CONCENTRATION	DIFFUSION COEFFICIENT
0.	1.35000E-05
6.97700E-02	1.24800E-05
9.96800E-02	1.24100E-05
1.98600E-01	1.22800E-05
2.97800E-01	1.22400E-05
3.96900E-01	1.22600E-05
5.90800E-01	1.22700E-05
7.87200E-01	1.23000E-05
7.87500E-01	1.23000E-05
9.81000E-01	1.23200E-05
1.17260E+00	1.23800E-05
1.45770E+00	1.24500E-05
1.92060E+00	1.26200E-05
2.38220E+00	1.27600E-05
2.82990E+00	1.29100E-05
3.26640E+00	1.30450E-05
3.69750E+00	1.31800E-05
4.11590E+00	1.32500E-05
4.11640E+00	1.32700E-05
4.64350E+00	1.33000E-05
4.95850E+00	1.32500E-05

VITAGLIANO. GAZZ CHIM ITAL 90, 1847 (1960)

CONCENTRATION	1.0 + DLOG(Y)/DLOG(C)
0.	1.00000E+00
6.97700E-02	9.19000E-01
9.96800E-02	9.14400E-01
1.98600E-01	9.12500E-01
2.97800E-01	9.18300E-01
3.96900E-01	9.27100E-01
5.90800E-01	9.47800E-01
7.87200E-01	9.70900E-01
7.87500E-01	9.71000E-01
9.81000E-01	9.95000E-01
1.17260E+00	1.01990E+00
1.45770E+00	1.05930E+00
1.92060E+00	1.13160E+00
2.38220E+00	1.21820E+00
2.82990E+00	1.32100E+00
3.26640E+00	1.44400E+00
3.69750E+00	1.59160E+00
4.11590E+00	1.76450E+00
4.11640E+00	1.76470E+00
4.64350E+00	2.03020E+00

4.95850E+00	2.21730E+00

VITAGLIANO. GAZZ CHIM ITAL 90, 1847 (1960)

MOLALITY

	GAMMA
1.00000E-03	9.65000E-01
1.00000E-02	9.02000E-01
5.00000E-02	8.23000E-01
1.00000E-01	7.75000E-01
2.00000E-01	7.30000E-01
5.00000E-01	6.76000E-01
1.00000E+00	6.50000E-01
1.50000E+00	6.48000E-01
2.00000E+00	6.59000E-01
2.50000E+00	6.78000E-01
3.00000E+00	7.03000E-01
3.50000E+00	7.36000E-01
4.00000E+00	7.75000E-01
4.50000E+00	8.28000E-01
5.00000E+00	8.83000E-01

CARAMAZZA. GAZZ CHIM ITAL 90, 1839 (1960)

SODIUM CHLORIDE IN WATER AT 25 DEGREES C

TEMP	MS	MO	NU	NU+	NU-	Z+	Z-
25.000	58.440	18.015	2.0	1.0	1.0	1.0	-1.0

CONCENTRATION

	DENSITY
2.00000E-03	9.97160E-01
5.00000E-03	9.97280E-01
1.00000E-02	9.97490E-01
2.00000E-02	9.97900E-01
5.00000E-02	9.99130E-01
1.00000E-01	1.00121E+00
2.00000E-01	1.00528E+00
5.00000E-01	1.01735E+00
1.00000E+00	1.03708E+00
2.00210E+00	1.07527E+00

JONES $ CHRISTIAN. JACS 59, 484 (1937)

MOLALITY

	DENSITY
9.86000E-02	1.00110E+00
4.97100E-01	1.01690E+00
9.86500E-01	1.03570E+00
1.99300E+00	1.07200E+00
2.92960E+00	1.10340E+00
3.48650E+00	1.12120E+00
3.98730E+00	1.13660E+00
5.49520E+00	1.18030E+00
5.80230E+00	1.18880E+00

LENGYEL, TAMAS, GIBER $ HOLDERITH. MAGY KEM FOLY 70, 66 (1964)

MOLALITY

	DENSITY
5.01100E-01	1.01710E+00
9.96600E-01	1.03610E+00
1.50250E+00	1.05460E+00
2.00000E+00	1.07220E+00
2.50080E+00	1.08930E+00
3.00420E+00	1.10585E+00
3.49640E+00	1.12150E+00
3.99880E+00	1.13697E+00
4.50520E+00	1.15028E+00

STAKHANOVA $ VASILEV. ZH FIZ KHIM 37, 1568 (1963)

CONCENTRATION

	RELATIVE DENSITY
8.84000E-02	1.00366E+00
1.75300E-01	1.00723E+00
3.46700E-01	1.01421E+00
5.15200E-01	1.02099E+00
6.73600E-01	1.02729E+00
8.53300E-01	1.03453E+00
1.17290E+00	1.04689E+00

DRUCKER. ARKIV KEMI MIN GEOL 22A, NO. 21, 17 PP (1946)

MASS FRACTION

	DENSITY
4.94600E-02	1.03210E+00
1.01870E-01	1.07020E+00
1.48900E-01	1.10557E+00
1.99570E-01	1.14509E+00
2.49290E-01	1.18560E+00

GIBSON $ LOEFFLER. ANN N Y ACAD SCI 51, 727 (1949)

CONCENTRATION

	DENSITY
2.00000E+00	1.07539E+00

LENGYEL $ FEZLER. MAGY KEM FOLYOIRAT 69, 128 (1963)

CONCENTRATION

	RELATIVE VISCOSITY
2.00000E-03	1.00043E+00
5.00000E-03	1.00081E+00
1.00000E-02	1.00146E+00
2.00000E-02	1.00259E+00
5.00000E-02	1.00544E+00
1.00000E-01	1.00995E+00
2.00000E-01	1.01874E+00
5.00000E-01	1.04603E+00
1.00000E+00	1.09582E+00
2.00210E+00	1.21886E+00

JONES $ CHRISTIAN. JACS 59, 484 (1937)

CONCENTRATION

	RELATIVE VISCOSITY
2.48200E-01	1.02300E+00
4.94200E-01	1.04600E+00

9.78500E-01	1.09400E+00
1.91900E+00	1.20500E+00
2.82610E+00	1.34200E+00
3.68610E+00	1.50900E+00
4.51200E+00	1.70600E+00
4.82700E+00	1.79800E+00
5.42700E+00	1.97100E+00

KUME $ TANAKA. NIPPON KAGAKU ZASSHI 81, 534 (1960)

MOLALITY

	VISCOSITY
9.86000E-02	8.98700E-01
4.97100E-01	9.28800E-01
9.86500E-01	9.70900E-01
1.99300E+00	1.07330E+00
2.92960E+00	1.18860E+00
3.48650E+00	1.26830E+00
3.98730E+00	1.34550E+00
5.49520E+00	1.63260E+00
5.80230E+00	1.70000E+00

LENGYEL, TAMAS, GIBER $ HOLDERITH. MAGY KEM FOLY 70, 66 (1964)

CONCENTRATION

	RELATIVE VISCOSITY
8.84000E-02	1.00900E+00
1.75300E-01	1.01670E+00
3.46700E-01	1.03200E+00
5.15200E-01	1.04770E+00
6.73600E-01	1.06280E+00
8.53300E-01	1.08090E+00
1.17290E+00	1.11470E+00

DRUCKER. ARKIV KEMI MIN GEOL 22A, NO. 21, 17 PP (1946)

MOLALITY

	RELATIVE VISCOSITY
5.00000E-01	1.04600E+00
1.00000E+00	1.09400E+00
2.00000E+00	1.20500E+00
3.00000E+00	1.34000E+00
4.00000E+00	1.50900E+00
5.00000E+00	1.70600E+00
6.18400E+00	1.98400E+00

TANAKA. NIPPON KAGAKU ZASSHI 83, 639 (1962)

CONCENTRATION

	MOLAR CONDUCTANCE
1.56210E-01	1.03660E+02
2.09980E-01	1.01360E+02
2.45840E-01	1.00020E+02
3.39980E-01	9.72900E+01
4.99350E-01	9.36600E+01
6.87030E-01	9.02600E+01
1.05142E+00	8.51200E+01
1.39480E+00	8.10200E+01
1.51930E+00	7.96500E+01
1.92790E+00	7.54100E+01
2.37930E+00	7.11400E+01
2.74390E+00	6.78200E+01

3.14310E+00	6.43600E+01
3.50370E+00	6.13000E+01
4.51990E+00	5.31300E+01
5.35400E+00	4.68300E+01

CHAMBERS, STOKES $ STOKES. J PHYS CHEM 60, 985 (1956)

CONCENTRATION	MOLAR CONDUCTANCE
1.13000E-01	1.05910E+02
1.24520E-01	1.05240E+02
1.87760E-01	1.02190E+02
2.64920E-01	9.94100E+01
3.60910E-01	9.67100E+01
4.69140E-01	9.42500E+01
6.07660E-01	9.16000E+01
6.62320E-01	9.06500E+01
7.45280E-01	8.93400E+01
8.63660E-01	8.75800E+01
1.23120E+00	8.28700E+01
1.46470E+00	8.02150E+01
1.84160E+00	7.62770E+01
2.67390E+00	6.84450E+01
3.17230E+00	6.40880E+01
3.87690E+00	5.82280E+01
4.32810E+00	5.46220E+01
4.81140E+00	5.08820E+01

CHAMBERS, STOKES $ STOKES. J PHYS CHEM 60, 985 (1956)

CONCENTRATION	MOLAR CONDUCTANCE
1.00000E-01	1.06740E+02
1.25000E-01	1.05210E+02
1.50000E-01	1.03920E+02
1.75000E-01	1.02740E+02
2.00000E-01	1.01710E+02
2.50000E-01	9.98900E+01
3.00000E-01	9.83700E+01
4.00000E-01	9.57700E+01
5.00000E-01	9.36200E+01
6.00000E-01	9.17300E+01
7.00000E-01	9.00400E+01
8.00000E-01	8.85100E+01
9.00000E-01	8.70900E+01
1.00000E+00	8.57600E+01
1.20000E+00	8.32600E+01
1.40000E+00	8.09500E+01
1.60000E+00	7.87700E+01
1.80000E+00	7.67000E+01
2.00000E+00	7.47100E+01
2.50000E+00	7.00200E+01
3.00000E+00	6.55700E+01
3.50000E+00	6.13300E+01
4.00000E+00	5.72300E+01
4.50000E+00	5.32800E+01
5.00000E+00	4.94600E+01
5.35000E+00	4.68600E+01

CHAMBERS, STOKES $ STOKES. J PHYS CHEM 60, 985 (1956)

CONCENTRATION

	EQUIVALENT CONDUCTANCE
-0.	1.26420E+02
5.94410E-05	1.25790E+02
1.12830E-04	1.25570E+02
1.89850E-04	1.25090E+02
4.26770E-04	1.24580E+02
5.00560E-04	1.24440E+02
6.78980E-04	1.24210E+02
6.91960E-04	1.24210E+02
7.18460E-04	1.24050E+02
7.38430E-04	1.24020E+02
9.22430E-04	1.23780E+02
1.34480E-03	1.23310E+02
1.38680E-03	1.23190E+02
1.44660E-03	1.23240E+02
1.53060E-03	1.23170E+02
1.62710E-03	1.22910E+02
2.03480E-03	1.22540E+02
2.12530E-03	1.22510E+02
2.22750E-03	1.22470E+02
2.33880E-03	1.22370E+02
2.65380E-03	1.22020E+02
2.89880E-03	1.21880E+02
2.98060E-03	1.21870E+02
3.18620E-03	1.21700E+02
3.73670E-03	1.21260E+02
3.87760E-03	1.21260E+02

SHEDLOVSKY. JACS 54, 1411 (1932)

CONCENTRATION

	MOLAR CONDUCTANCE
1.00000E-04	1.25560E+02
2.00000E-04	1.25210E+02
5.00000E-04	1.24500E+02
1.00000E-03	1.23720E+02
2.00000E-03	1.22670E+02
5.00000E-03	1.20580E+02
1.00000E-02	1.18430E+02
2.00000E-02	1.15650E+02
5.00000E-02	1.10880E+02
1.00000E-01	1.06680E+02
0.	1.26420E+02

SHEDLOVSKY. JACS 54, 1411 (1932)

CONCENTRATION

	EQUIVALENT CONDUCTANCE
-0.	1.26450E+02
1.00000E-04	1.25590E+02
2.00000E-04	1.25240E+02
5.00000E-04	1.25500E+02(sic)
1.00000E-03	1.23740E+02
2.00000E-03	1.22670E+02
3.00000E-03	1.21880E+02
4.00000E-03	1.21210E+02
5.00000E-03	1.20650E+02
6.00000E-03	1.20150E+02
7.00000E-03	1.19690E+02
8.00000E-03	1.19260E+02
9.00000E-03	1.18860E+02
1.00000E-02	1.18510E+02

2.00000E-02	1.15760E+02
3.00000E-02	1.13830E+02
4.00000E-02	1.12340E+02
5.00000E-02	1.11060E+02
6.00000E-02	1.10010E+02
7.00000E-02	1.09060E+02
8.00000E-02	1.08230E+02
9.00000E-02	1.07450E+02
1.00000E-01	1.06740E+02
1.20000E-01	1.05480E+02
1.40000E-01	1.04420E+02
1.60000E-01	1.03430E+02
1.80000E-01	1.02520E+02
2.00000E-01	1.01700E+02
2.20000E-01	1.00960E+02

SHEDLOVSKY, BROWN $ MACINNES. TRANS ELECCHEM SOC 66, 165 (1934)

CONCENTRATION

	EQUIVALENT CONDUCTANCE
-0.	1.26450E+02
5.00000E-04	1.24510E+02
1.00000E-03	1.23740E+02
2.00000E-03	1.22660E+02
5.00000E-03	1.20640E+02
1.00000E-02	1.18530E+02

BENSON $ GORDON. J CHEM PHYS 13, 473 (1945)

CONCENTRATION

	TRANSFERENCE NUMBER
1.00000E-01	3.86500E-01

SMITH $ MACINNES. JACS 47, 1009 (1925)

MOLALITY

	TRANSFERENCE NUMBER
5.00000E-02	3.89000E-01
1.00000E-01	3.84000E-01
2.00000E-01	3.78000E-01
5.00000E-01	3.71000E-01
1.00000E+00	3.66000E-01
1.50000E+00	3.62000E-01
2.00000E+00	3.60000E-01
2.50000E+00	3.57000E-01
3.00000E+00	3.56000E-01
3.50000E+00	3.54000E-01
4.00000E+00	3.52000E-01
4.50000E+00	3.51000E-01
5.00000E+00	3.49000E-01

CARAMAZZA. GAZZ CHIM ITAL 90, 1839 (1960)

CONCENTRATION

	TRANSFERENCE NUMBER
2.01000E-01	3.81500E-01
3.88000E-01	3.76700E-01
7.71000E-01	3.70600E-01
1.55000E+00	3.65400E-01
2.33300E+00	3.59600E-01

SMITS $ DUYVIS. J PHYS CHEM 70, 2747 (1966)

CONCENTRATION

	TRANSFERENCE NUMBER
1.09500E-01	3.85000E-01
4.34000E-01	3.78000E-01
1.00000E+00	3.75000E-01
5.41600E+00	3.63000E-01

SMITS $ DUYVIS. J PHYS CHEM 70, 2747 (1966)

MOLES/1000 G OF SOLUTION

	TRANSFERENCE NUMBER
1.51900E-01	3.91000E-01
1.86300E-01	3.91000E-01
2.19500E-01	3.97000E-01
2.19500E-01	3.87000E-01
3.43500E-01	3.73000E-01
3.43500E-01	3.74000E-01
4.89100E-01	3.70000E-01
4.89100E-01	3.59000E-01

WEAR,MC NULLY $ AMIS. J INORG NUCL CHEM 20, 100 (1961)

CONCENTRATION

	TRANSFERENCE NUMBER
1.00000E-02	3.91900E-01
2.00000E-02	3.90000E-01
5.00000E-02	3.87800E-01
1.00000E-01	3.85300E-01
2.00000E-01	3.81400E-01

LONGSWORTH. JACS 54, 2741 (1932)

CONCENTRATION

	TRANSFERENCE NUMBER
-0.	3.96200E-01
5.00000E-04	3.95100E-01
1.00000E-03	3.94700E-01
2.00000E-03	3.94100E-01
5.00000E-03	3.93000E-01
1.00000E-02	3.91800E-01
2.00000E-02	3.90300E-01
5.00000E-02	3.87800E-01
7.00000E-02	3.86900E-01
1.00000E-01	3.85300E-01

ALLGOOD $ GORDON. J CHEM PHYS 10, 124 (1942)

CONCENTRATION

	TRANSFERENCE NUMBER
1.50240E-02	3.91000E-01
1.50240E-02	3.91100E-01
1.99650E-02	3.90000E-01
1.99650E-02	3.90100E-01
2.91320E-02	3.89400E-01
2.91320E-02	3.89200E-01
5.98530E-02	3.87400E-01
5.98530E-02	3.87400E-01
5.98530E-02	3.87300E-01
9.97500E-02	3.85300E-01
9.97500E-02	3.85400E-01
1.00280E-01	3.85200E-01

1.00280E-01	3.85500E-01

ALLGOOD $ GORDON. J CHEM PHYS 10, 124 (1942)

CONCENTRATION	DIFFUSION COEFFICIENT
2.71500E-02	1.52600E-05
2.75700E-02	1.51200E-05
8.05900E-02	1.49000E-05
9.64400E-02	1.48300E-05
1.26700E-01	1.47900E-05
1.41900E-01	1.48100E-05
2.08200E-01	1.47200E-05
2.08200E-01	1.47400E-05
2.13000E-01	1.47300E-05
3.00000E-01	1.47300E-05
3.41600E-01	1.47700E-05
5.00400E-01	1.47300E-05
6.98700E-01	1.47700E-05
1.00000E+00	1.48500E-05
2.00280E+00	1.51900E-05
2.03050E+00	1.51700E-05
3.00000E+00	1.56500E-05
4.00000E+00	1.59400E-05
4.52610E+00	1.59200E-05
5.00000E+00	1.59000E-05

VITAGLIANO $ LYONS. JACS 78, 1549 (1956)

CONCENTRATION	DIFFUSION COEFFICIENT
0.	1.61200E-05
7.46000E-04	1.58600E-05
1.61000E-03	1.57600E-05
3.30000E-03	1.57600E-05
4.50000E-03	1.56200E-05
5.20000E-03	1.55900E-05
6.50000E-03	1.55700E-05
7.70000E-03	1.55500E-05
9.00000E-03	1.54400E-05
9.30000E-03	1.54400E-05
1.00000E-02	1.54700E-05
1.47300E-02	1.54200E-05

HARNED $ HILDRETH. JACS 73, 650 (1951)

CONCENTRATION	DIFFUSION COEFFICIENT
0.	1.61200E-05
5.00000E-02	1.50600E-05
1.00000E-01	1.48400E-05
2.00000E-01	1.47800E-05
3.00000E-01	1.47700E-05
5.00000E-01	1.47400E-05
7.00000E-01	1.47500E-05
1.00000E+00	1.48300E-05
1.50000E+00	1.49500E-05
2.00000E+00	1.51400E-05
2.50000E+00	1.52900E-05
3.00000E+00	1.54400E-05
3.50000E+00	1.55900E-05
4.00000E+00	1.58400E-05

STOKES. JACS 72, 2243 (1950)

MOLALITY	GAMMA
1.00000E-01	7.78000E-01
2.00000E-01	7.35000E-01
3.00000E-01	7.10000E-01
4.00000E-01	6.93000E-01
5.00000E-01	6.81000E-01
6.00000E-01	6.73000E-01
7.00000E-01	6.67000E-01
8.00000E-01	6.62000E-01
9.00000E-01	6.59000E-01
1.00000E+00	6.57000E-01
1.20000E+00	6.54000E-01
1.40000E+00	6.55000E-01
1.60000E+00	6.57000E-01
1.80000E+00	6.62000E-01
2.00000E+00	6.68000E-01
2.50000E+00	6.88000E-01
3.00000E+00	7.14000E-01
3.50000E+00	7.46000E-01
4.00000E+00	7.83000E-01
4.50000E+00	8.26000E-01
5.00000E+00	8.74000E-01
5.50000E+00	9.28000E-01
6.00000E+00	9.86000E-01

ROBINSON $ STOKES. ELECTROLYTE SOLUTIONS, 2ND ED (REV) (1959)

MOLALITY	GAMMA
1.00000E-03	9.65000E-01
1.00000E-02	9.01000E-01
5.00000E-02	8.23000E-01
1.00000E-01	7.74000E-01
2.00000E-01	7.29000E-01
5.00000E-01	6.76000E-01
1.00000E+00	6.53000E-01
1.50000E+00	6.53000E-01
2.00000E+00	6.66000E-01
2.50000E+00	6.88000E-01
3.00000E+00	7.14000E-01
3.50000E+00	7.48000E-01
4.00000E+00	7.88000E-01
4.50000E+00	8.44000E-01
5.00000E+00	9.01000E-01

CARAMAZZA. GAZZ CHIM ITAL 90, 1839 (1960)

SODIUM CHLORIDE IN WATER AT 30 DEGREES C

TEMP	MS	MO	NU	NU+	NU-	Z+	Z-
30.000	58.440	18.015	2.0	1.0	1.0	1.0	-1.0

MOLALITY

	RELATIVE VISCOSITY
1.00000E+00	1.10700E+00
1.50000E+00	1.15200E+00
2.00000E+00	1.21200E+00
2.50000E+00	1.28400E+00
3.00000E+00	1.35600E+00
3.50000E+00	1.43400E+00
4.00000E+00	1.52200E+00
4.50000E+00	1.61400E+00
5.00000E+00	1.70900E+00
6.21000E+00	1.94200E+00

SURYANARAYANA $ VENKATESAN. ACTA CHIM ACAD SCI HUNG 17, 327 (1958)

MOLALITY

	CONDUCTIVITY
1.00000E+00	9.23000E-02
1.50000E+00	1.30700E-01
2.00000E+00	1.61900E-01
2.50000E+00	1.88500E-01
3.00000E+00	2.11100E-01
3.50000E+00	2.29200E-01
4.00000E+00	2.44300E-01
4.50000E+00	2.56400E-01
5.00000E+00	2.65900E-01

SURYANARAYANA $ VENKATESAN. ACTA CHIM ACAD SCI HUNG 17, 327 (1958)

SODIUM CHLORIDE IN WATER AT 35 DEGREES C

TEMP	MS	MO	NU	NU+	NU-	Z+	Z-
35.000	58.440	18.015	2.0	1.0	1.0	1.0	-1.0

CONCENTRATION

	DENSITY
0.	9.94060E-01
1.66890E+00	1.05656E+00
1.66900E+00	1.05660E+00
3.44940E+00	1.11538E+00
5.41440E+00	1.17282E+00

HOLEMANN $ KOHNER. Z PHYSIK CHEM B 13, 338 (1931)

MASS FRACTION

	DENSITY
4.94600E-02	1.02848E+00
1.01870E-01	1.06606E+00
1.48900E-01	1.10097E+00
1.99570E-01	1.14008E+00
2.49290E-01	1.18019E+00

GIBSON $ LOEFFLER. ANN N Y ACAD SCI 51, 727 (1949)

MASS FRACTION

	DENSITY
2.48200E-01	1.17942E+00
1.69863E-01	1.11690E+00

9.15980E-02	1.05852E+00
6.12980E-02	1.03671E+00
2.86610E-02	1.01388E+00

SCOTT, OBENHAUS $ WILSON. J PHYS CHEM 38, 931 (1934)

MASS FRACTION

	VISCOSITY
0.	7.24000E-01
1.00000E-02	7.31000E-01
5.00000E-02	7.96000E-01
1.00000E-01	8.75000E-01
2.00000E-01	1.12400E+00

TIMMERMANS. PHYSICO-CHEMICAL CONSTANTS OF BINARY SYSTEMS, 1960

CONCENTRATION

	VISCOSITY
1.09300E+00	7.62800E-01
3.27900E+00	1.05130E+00
4.37200E+00	1.21330E+00
5.46500E+00	1.40950E+00

TIMMERMANS. PHYSICO-CHEMICAL CONSTANTS OF BINARY SYSTEMS, 1960

MOLALITY

	RELATIVE VISCOSITY
1.00000E+00	1.09200E+00
1.50000E+00	1.14500E+00
2.00000E+00	1.20700E+00
2.50000E+00	1.27700E+00
3.00000E+00	1.35400E+00
3.50000E+00	1.42000E+00
4.00000E+00	1.50600E+00
4.50000E+00	1.60300E+00
5.00000E+00	1.71500E+00

SURYANARAYANA $ VENKATESAN. TRANS FAR SOC 54, 1709 (1958)

MOLALITY

	RELATIVE VISCOSITY
6.22700E+00	1.92300E+00

SURYANARAYANA $ VENKATESAN. ACTA CHIM ACAD SCI HUNG 17, 327 (1958)

MOLALITY

	CONDUCTIVITY
1.00000E+00	1.00700E-01
1.50000E+00	1.39500E-01
2.00000E+00	1.73900E-01
2.50000E+00	2.00800E-01
3.00000E+00	2.25100E-01
3.50000E+00	2.43500E-01
4.00000E+00	2.60200E-01
4.50000E+00	2.73200E-01
5.00000E+00	2.83200E-01

SURYANARAYANA $ VENKATESAN. ACTA CHIM ACAD SCI HUNG 17, 327 (1958)

CONCENTRATION

	EQUIVALENT CONDUCTANCE
-0.	1.53750E+02

5.00000E-04	1.51330E+02
1.00000E-03	1.50380E+02
2.00000E-03	1.49040E+02
5.00000E-03	1.46550E+02
1.00000E-02	1.43940E+02

BENSON $ GORDON. J CHEM PHYS 13, 473 (1945)

CONCENTRATION

	TRANSFERENCE NUMBER
0.	4.00300E-01
7.92200E-02	3.89300E-01
9.91000E-02	3.88000E-01
1.47600E-01	3.85300E-01
1.86900E-01	3.82600E-01
1.97700E-01	3.83200E-01
2.96500E-01	3.79700E-01
3.94600E-01	3.77200E-01
4.92200E-01	3.75500E-01
5.94200E-01	3.73900E-01
9.75200E-01	3.69300E-01
1.44830E+00	3.65300E-01
1.91230E+00	3.62500E-01
2.80990E+00	3.58000E-01
3.24520E+00	3.56000E-01
3.67850E+00	3.54200E-01
4.08590E+00	3.52600E-01
4.49390E+00	3.51000E-01
4.93860E+00	3.49500E-01

VITAGLIANO. GAZZ CHIM ITAL 90, 1847 (1960)

MOLALITY

	TRANSFERENCE NUMBER
5.00000E-02	3.94000E-01
1.00000E-01	3.88000E-01
2.00000E-01	3.83000E-01
5.00000E-01	3.75000E-01
1.00000E+00	3.69000E-01
1.50000E+00	3.66000E-01
2.00000E+00	3.62000E-01
2.50000E+00	3.60000E-01
3.00000E+00	3.58000E-01
3.50000E+00	3.56000E-01
4.00000E+00	3.54000E-01
4.50000E+00	3.53000E-01
5.00000E+00	3.51000E-01

CARAMAZZA. GAZZ CHIM ITAL 90, 1839 (1960)

CONCENTRATION

	TRANSFERENCE NUMBER
-0.	4.00200E-01
5.00000E-04	3.99200E-01
1.00000E-03	3.98700E-01
2.00000E-03	3.98100E-01
5.00000E-03	3.97000E-01
1.00000E-02	3.95800E-01
2.00000E-02	3.94300E-01
5.00000E-02	3.91900E-01
7.00000E-02	3.90900E-01
1.00000E-01	3.89200E-01

ALLGOOD $ GORDON. J CHEM PHYS 10, 124 (1942)

CONCENTRATION	TRANSFERENCE NUMBER
1.49730E-02	3.94800E-01
1.49840E-02	3.94900E-01
1.98700E-02	3.94100E-01
1.99040E-02	3.94300E-01
3.26430E-02	3.93400E-01
3.31800E-02	3.93200E-01
4.02250E-02	3.92600E-01
5.91960E-02	3.91300E-01
5.91960E-02	3.91400E-01
5.98230E-02	3.91500E-01
6.49840E-02	3.91200E-01
9.81660E-02	3.89200E-01
1.00450E-01	3.89100E-01
1.08060E-01	3.88400E-01
1.08060E-01	3.88200E-01

ALLGOOD $ GORDON. J CHEM PHYS 10, 124 (1942)

CONCENTRATION	DIFFUSION COEFFICIENT
0.	2.03100E-05
7.92200E-02	1.88200E-05
9.91000E-02	1.88400E-05
1.47600E-01	1.87200E-05
1.86900E-01	1.86300E-05
1.97700E-01	1.86500E-05
2.96500E-01	1.85700E-05
3.94600E-01	1.85600E-05
4.92200E-01	1.85800E-05
5.94200E-01	1.86000E-05
9.75200E-01	1.87000E-05
1.44830E+00	1.89100E-05
1.91230E+00	1.91300E-05
2.80990E+00	1.95800E-05
3.24520E+00	1.97600E-05
3.67850E+00	1.99200E-05
4.08590E+00	1.99900E-05
4.49390E+00	1.98900E-05
4.93860E+00	1.97500E-05

VITAGLIANO. GAZZ CHIM ITAL 90, 1847 (1960)

CONCENTRATION	1.0 + DLOG(Y)/DLOG(C)
0.	1.00000E+00
7.92200E-02	9.17800E-01
9.91000E-02	9.15400E-01
1.47600E-01	9.13400E-01
1.86900E-01	9.14100E-01
1.97700E-01	9.14600E-01
2.96500E-01	9.21300E-01
3.94600E-01	9.30800E-01
4.92200E-01	9.41800E-01
5.94200E-01	9.54200E-01
9.75200E-01	1.00570E+00
1.44830E+00	1.07790E+00
1.91230E+00	1.15860E+00

2.80990E+00	1.35170E+00
3.24520E+00	1.46800E+00
3.67850E+00	1.60180E+00
4.08590E+00	1.74610E+00
4.49390E+00	1.91070E+00
4.93860E+00	2.11520E+00

VITAGLIANO. GAZZ CHIM ITAL 90, 1847 (1960)

MOLALITY	GAMMA
1.00000E-03	9.65000E-01
1.00000E-02	8.99000E-01
5.00000E-02	8.21000E-01
1.00000E-01	7.72000E-01
2.00000E-01	7.26000E-01
5.00000E-01	6.73000E-01
1.00000E+00	6.53000E-01
1.50000E+00	6.56000E-01
2.00000E+00	6.71000E-01
2.50000E+00	6.96000E-01
3.00000E+00	7.24000E-01
3.50000E+00	7.58000E-01
4.00000E+00	7.98000E-01
4.50000E+00	8.55000E-01
5.00000E+00	9.12000E-01

CARAMAZZA. GAZZ CHIM ITAL 90, 1839 (1960)

SODIUM CHLORIDE IN WATER AT 40 DEGREES C

TEMP	MS	MO	NU	NU+	NU-	Z+	Z-
40.000	58.440	18.015	2.0	1.0	1.0	1.0	-1.0

MOLALITY	RELATIVE VISCOSITY
1.00000E+00	1.10400E+00
1.50000E+00	1.15700E+00
2.00000E+00	1.22400E+00
2.50000E+00	1.29000E+00
3.00000E+00	1.37300E+00
3.50000E+00	1.43900E+00
4.00000E+00	1.53100E+00
4.50000E+00	1.61500E+00
5.00000E+00	1.72600E+00
6.26200E+00	1.95900E+00

SURYANARAYANA $ VENKATESAN. ACTA CHIM ACAD SCI HUNG 17, 327 (1958)

MOLALITY	CONDUCTIVITY
1.00000E+00	1.08200E-01
1.50000E+00	1.51700E-01
2.00000E+00	1.87600E-01
2.50000E+00	2.17300E-01
3.00000E+00	2.42900E-01
3.50000E+00	2.63200E-01

4.00000E+00	2.82000E-01
4.50000E+00	2.95600E-01
5.00000E+00	3.08200E-01

SURYANARAYANA $ VENKATESAN. ACTA CHIM ACAD SCI HUNG 17, 327 (1958)

SODIUM CHLORIDE IN WATER AT 45 DEGREES C

TEMP	MS	MO	NU	NU+	NU-	Z+	Z-
45.000	58.440	18.015	2.0	1.0	1.0	1.0	-1.0

MOLALITY	RELATIVE VISCOSITY
1.00000E+00	1.10600E+00
1.50000E+00	1.16100E+00
2.00000E+00	1.22400E+00
2.50000E+00	1.29300E+00
3.00000E+00	1.37200E+00
3.50000E+00	1.44300E+00
4.00000E+00	1.55200E+00
4.50000E+00	1.61900E+00
5.00000E+00	1.73100E+00

SURYANARAYANA $ VENKATESAN. TRANS FAR SOC 54, 1709 (1958)

MOLALITY	RELATIVE VISCOSITY
6.29500E+00	1.88500E+00

SURYANARAYANA $ VENKATESAN. ACTA CHIM ACAD SCI HUNG 17, 327 (1958)

MOLALITY	CONDUCTIVITY
1.00000E+00	1.17800E-01
1.50000E+00	1.64000E-01
2.00000E+00	2.02300E-01
2.50000E+00	2.34700E-01
3.00000E+00	2.61600E-01
3.50000E+00	2.84100E-01
4.00000E+00	3.03800E-01
4.50000E+00	3.19700E-01
5.00000E+00	3.30200E-01

SURYANARAYANA $ VENKATESAN. ACTA CHIM ACAD SCI HUNG 17, 327 (1958)

CONCENTRATION	EQUIVALENT CONDUCTANCE
-0.	1.82650E+02
5.00000E-04	1.79710E+02
1.00000E-03	1.78540E+02
2.00000E-03	1.76930E+02
5.00000E-03	1.73880E+02
1.00000E-02	1.70700E+02

BENSON $ GORDON. J CHEM PHYS 13, 473 (1945)

CONCENTRATION

	TRANSFERENCE NUMBER
-0.	4.03900E-01
5.00000E-04	4.02800E-01
1.00000E-03	4.02300E-01
2.00000E-03	4.01800E-01
5.00000E-03	4.00800E-01
1.00000E-02	3.99600E-01
2.00000E-02	3.98200E-01
5.00000E-02	3.95700E-01
7.00000E-02	3.94700E-01
1.00000E-01	3.93200E-01

ALLGOOD $ GORDON. J CHEM PHYS 10, 124 (1942)

CONCENTRATION

	TRANSFERENCE NUMBER
1.49260E-02	3.98800E-01
1.50200E-02	3.98800E-01
1.80890E-02	3.98300E-01
1.98560E-02	3.98100E-01
3.25140E-02	3.97000E-01
3.31620E-02	3.96900E-01
5.96000E-02	3.95100E-01
6.02960E-02	3.95100E-01
9.90500E-02	3.93200E-01
9.93200E-02	3.93400E-01

ALLGOOD $ GORDON. J CHEM PHYS 10, 124 (1942)

SODIUM CHLORIDE IN WATER AT 50 DEGREES C

TEMP	MS	MO	NU	NU+	NU-	Z+	Z-
50.000	58.440	18.015	2.0	1.0	1.0	1.0	-1.0

CONCENTRATION

	DENSITY
0.	9.88200E-01
9.89000E-02	9.92400E-01
1.97800E-01	9.96200E-01
4.94100E-01	1.00790E+00
9.87900E-01	1.02750E+00
1.97300E+00	1.06430E+00
3.94100E+00	1.13510E+00

LYLE $ HOSKING. PHIL MAG SER 6, 3, 487 (1902)

MOLALITY

	DENSITY
2.97640E+00	1.09280E+00
5.10690E+00	1.15680E+00
5.89510E+00	1.17710E+00

TOLLERT $ D*ANS. ANGEWANDTE CHEMIE 52, 472 (1939)

MASS FRACTION

	DENSITY
1.00000E-02	9.94820E-01

2.00000E-02	1.00161E+00
4.00000E-02	1.01531E+00
6.00000E-02	1.02919E+00
8.00000E-02	1.04326E+00
1.00000E-01	1.05753E+00
1.20000E-01	1.07202E+00
1.40000E-01	1.08674E+00
1.60000E-01	1.10170E+00
1.80000E-01	1.11691E+00
2.00000E-01	1.13238E+00
2.20000E-01	1.14812E+00
2.40000E-01	1.16414E+00
2.60000E-01	1.18045E+00

INTERNATIONAL CRITICAL TABLES (1929)

CONCENTRATION

	VISCOSITY
0.	5.53000E-01
9.89000E-02	5.53000E-01
1.97800E-01	5.53000E-01
4.94100E-01	5.79000E-01
9.87900E-01	5.99000E-01
1.97300E+00	6.68000E-01
3.94100E+00	8.73000E-01

LYLE $ HOSKING. PHIL MAG SER 6, 3, 487 (1902)

MOLALITY

	RELATIVE VISCOSITY
1.00000E+00	1.11300E+00
1.50000E+00	1.16700E+00
2.00000E+00	1.23500E+00
2.50000E+00	1.30300E+00
3.00000E+00	1.38000E+00
3.50000E+00	1.44900E+00
4.00000E+00	1.53100E+00
4.50000E+00	1.62100E+00
5.00000E+00	1.72900E+00
6.33000E+00	1.89600E+00

SURYANARAYANA $ VENKATESAN. ACTA CHIM ACAD SCI HUNG 17, 327 (1958)

MOLALITY

	RELATIVE VISCOSITY
1.00000E+00	1.11300E+00
2.00000E+00	1.23500E+00
3.00000E+00	1.38000E+00
4.00000E+00	1.53100E+00
5.00000E+00	1.72900E+00
6.31300E+00	1.99100E+00

TANAKA. NIPPON KAGAKU ZASSHI 83, 639 (1962)

MOLALITY

	VISCOSITY
2.97640E+00	7.46000E-01
5.10690E+00	9.45000E-01
5.89510E+00	1.02700E+00

TOLLERT $ D*ANS. ANGEWANDTE CHEMIE 52, 472 (1939)

CONCENTRATION

	EQUIVALENT CONDUCTANCE
9.62600E-03	1.84890E+02
1.91760E-02	1.80350E+02
3.09250E-02	1.76610E+02
4.85700E-02	1.72610E+02
6.84740E-02	1.69290E+02
1.13790E-01	1.63750E+02
1.45560E-01	1.60840E+02
1.82990E-01	1.57980E+02
2.79660E-01	1.52270E+02
3.76150E-01	1.47920E+02
5.04480E-01	1.43260E+02
6.58800E-01	1.38640E+02
8.05320E-01	1.34870E+02
1.00070E+00	1.30440E+02
1.20630E+00	1.26290E+02
1.49340E+00	1.21070E+02
1.67440E+00	1.18020E+02
2.09000E+00	1.11580E+02
2.21540E+00	1.09780E+02
2.36430E+00	1.07620E+02
2.51530E+00	1.05510E+02
2.97390E+00	9.94100E+01
3.27480E+00	9.56200E+01
3.99070E+00	8.70700E+01
4.50350E+00	8.12600E+01
5.07760E+00	7.51100E+01

CHAMBERS. J PHYS CHEM 62, 1136 (1958)

MOLALITY

	CONDUCTIVITY
1.00000E+00	1.26700E-01
1.50000E+00	1.76100E-01
2.00000E+00	2.16700E-01
2.50000E+00	2.50000E-01
3.00000E+00	2.81200E-01
3.50000E+00	3.04500E-01
4.00000E+00	3.25700E-01
4.50000E+00	3.42900E-01
5.00000E+00	3.58000E-01

SURYANARAYANA $ VENKATESAN. ACTA CHIM ACAD SCI HUNG 17, 327 (1958)

CONCENTRATION

	MOLAR CONDUCTANCE
9.89000E-02	1.71300E+02
1.97800E-01	1.58500E+02
4.94100E-01	1.44300E+02
9.87900E-01	1.30900E+02
1.97300E+00	1.10700E+02
3.94100E+00	8.63600E+01

LYLE $ HOSKING. PHIL MAG SER 6, 3, 487 (1902)

CONCENTRATION

	TRANSFERENCE NUMBER
0.	4.06000E-01
1.96600E-01	3.89000E-01
2.94400E-01	3.85700E-01
4.17000E-01	3.82500E-01

5.69000E-01	3.79300E-01
6.08300E-01	3.78700E-01
7.42600E-01	3.76700E-01
9.69000E-01	3.74000E-01
1.43930E+00	3.70000E-01
1.89910E+00	3.66800E-01
2.35050E+00	3.64200E-01
2.79120E+00	3.62000E-01
3.15690E+00	3.60200E-01
3.64880E+00	3.58200E-01
3.66630E+00	3.58100E-01
4.05740E+00	3.56500E-01
4.86000E+00	3.54000E-01
4.86040E+00	3.54000E-01

VITAGLIANO. GAZZ CHIM ITAL 90, 1847 (1960)

MOLALITY

	TRANSFERENCE NUMBER
5.00000E-02	4.01000E-01
1.00000E-01	3.95000E-01
2.00000E-01	3.89000E-01
5.00000E-01	3.80000E-01
1.00000E+00	3.74000E-01
1.50000E+00	3.70000E-01
2.00000E+00	3.67000E-01
2.50000E+00	3.64000E-01
3.00000E+00	3.62000E-01
3.50000E+00	3.60000E-01
4.00000E+00	3.58000E-01
4.50000E+00	3.57000E-01
5.00000E+00	3.55000E-01

CARAMAZZA. GAZZ CHIM ITAL 90, 1839 (1960)

CONCENTRATION

	DIFFUSION COEFFICIENT
0.	2.75400E-05
1.96600E-01	2.53200E-05
2.94400E-01	2.52000E-05
4.17000E-01	2.50900E-05
5.69000E-01	2.51000E-05
6.08300E-01	2.51000E-05
7.42600E-01	2.51300E-05
9.69000E-01	2.52000E-05
1.43930E+00	2.54300E-05
1.89910E+00	2.56500E-05
2.35050E+00	2.58700E-05
2.79120E+00	2.61000E-05
3.15690E+00	2.63100E-05
3.64880E+00	2.65900E-05
3.66630E+00	2.66100E-05
4.05740E+00	2.66000E-05
4.86000E+00	2.64600E-05
4.86040E+00	2.64400E-05

VITAGLIANO. GAZZ CHIM ITAL 90, 1847 (1960)

CONCENTRATION

	1.0 + DLOG(Y)/DLOG(C)
0.	1.00000E+00
1.96600E-01	9.14000E-01

2.94400E-01	9.20800E-01
4.17000E-01	9.33300E-01
5.69000E-01	9.52000E-01
6.08300E-01	9.57200E-01
7.42600E-01	9.75900E-01
9.69000E-01	1.00970E+00
1.43930E+00	1.08750E+00
1.89910E+00	1.17220E+00
2.35050E+00	1.26330E+00
2.79120E+00	1.35950E+00
3.15690E+00	1.44480E+00
3.64880E+00	1.56730E+00
3.66630E+00	1.57180E+00
4.05740E+00	1.67570E+00
4.86000E+00	1.90630E+00
4.86040E+00	1.90650E+00

VITAGLIANO. GAZZ CHIM ITAL 90, 1847 (1960)

MOLALITY	GAMMA
1.00000E-03	9.65000E-01
1.00000E-02	8.96000E-01
5.00000E-02	8.20000E-01
1.00000E-01	7.68000E-01
2.00000E-01	7.21000E-01
5.00000E-01	6.68000E-01
1.00000E+00	6.49000E-01
1.50000E+00	6.56000E-01
2.00000E+00	6.72000E-01
2.50000E+00	7.00000E-01
3.00000E+00	7.29000E-01
3.50000E+00	7.62000E-01
4.00000E+00	7.97000E-01
4.50000E+00	8.51000E-01
5.00000E+00	9.03000E-01

CARAMAZZA. GAZZ CHIM ITAL 90, 1839 (1960)

SODIUM CHLORIDE IN WATER AT 55 DEGREES C

TEMP	MS	MO	NU	NU+	NU-	Z+	Z-
55.000	58.440	18.015	2.0	1.0	1.0	1.0	-1.0

MOLALITY	RELATIVE VISCOSITY
1.00000E+00	1.11300E+00
1.50000E+00	1.17000E+00
2.00000E+00	1.23600E+00
2.50000E+00	1.30800E+00
3.00000E+00	1.38100E+00
3.50000E+00	1.45000E+00
4.00000E+00	1.53300E+00
4.50000E+00	1.62500E+00
5.00000E+00	1.72500E+00
6.35600E+00	1.91000E+00

SURYANARAYANA $ VENKATESAN. ACTA CHIM ACAD SCI HUNG 17, 327 (1958)

MOLALITY

	CONDUCTIVITY
1.00000E+00	1.35300E-01
1.50000E+00	1.87600E-01
2.00000E+00	2.29900E-01
2.50000E+00	2.67000E-01
3.00000E+00	2.98800E-01
3.50000E+00	3.25700E-01
4.00000E+00	3.46700E-01
4.50000E+00	3.66400E-01
5.00000E+00	3.81000E-01

SURYANARAYANA $ VENKATESAN. ACTA CHIM ACAD SCI HUNG 17, 327 (1958)

SODIUM DIHYDROGEN PHOSPHATE IN WATER AT 25 DEGREES C

TEMP	MS	MO	NU	NU+	NU-	Z+	Z-
25.000	119.970	18.015	2.0	1.0	1.0	1.0	-1.0

CONCENTRATION

	DENSITY
1.02000E-03	9.97160E-01
6.85900E-03	9.97860E-01
8.26500E-03	9.98020E-01
1.03000E-02	9.98360E-01
1.37200E-02	9.98400E-01
2.00000E-02	9.98960E-01
2.56600E-02	9.99660E-01
2.75100E-02	9.99800E-01
3.87800E-02	1.00070E+00
5.15200E-02	1.00190E+00
6.86400E-02	1.00350E+00
7.77800E-02	1.00380E+00
9.27400E-02	1.00600E+00
1.03000E-01	1.00650E+00
1.37400E-01	1.00930E+00
1.93500E-01	1.01400E+00
2.75400E-01	1.02150E+00
3.09100E-01	1.02470E+00
4.12800E-01	1.03330E+00
5.15200E-01	1.04230E+00
6.18300E-01	1.05090E+00
7.78300E-01	1.06420E+00
9.27400E-01	1.07670E+00
1.36700E+00	1.11290E+00
2.06100E+00	1.16760E+00
3.88500E+00	1.30530E+00

MASON $ CULVERN. JACS 71, 2387 (1949)

CONCENTRATION

	EQUIVALENT CONDUCTANCE
1.02000E-03	8.46340E+01
2.06400E-03	8.18210E+01
4.00700E-03	7.99960E+01

6.85900E-03	7.79240E+01
8.26500E-03	7.75370E+01
1.03000E-02	7.68090E+01
1.37200E-02	7.53100E+01
2.00000E-02	7.40790E+01
2.56600E-02	7.28730E+01
2.75100E-02	7.16190E+01
3.87800E-02	7.05000E+01
5.15200E-02	6.88800E+01
6.86400E-02	6.70180E+01
7.77800E-02	6.61380E+01
9.27400E-02	6.51350E+01
1.03000E-01	6.44100E+01
1.37400E-01	6.19370E+01
1.93500E-01	5.92910E+01
2.75400E-01	5.58100E+01
3.09100E-01	5.48830E+01
4.12800E-01	5.17320E+01
5.15200E-01	4.92810E+01
6.18300E-01	4.70310E+01
7.78300E-01	4.38680E+01
9.27400E-01	4.15040E+01
1.36700E+00	3.54930E+01
2.06100E+00	2.81150E+01
3.88500E+00	1.55130E+01

MASON $ CULVERN. JACS 71, 2387 (1949)

SODIUM IODIDE IN WATER AT 25 DEGREES C

TEMP	MS	MO	NU	NU+	NU-	Z+	Z-
25.000	149.890	18.015	2.0	1.0	1.0	1.0	-1.0

MOLALITY

	DENSITY
2.50700E+00	1.25510E+00
2.96800E+00	1.29730E+00
5.10700E+00	1.47490E+00
8.09500E+00	1.68420E+00
8.47300E+00	1.70750E+00
1.12860E+01	1.87100E+00

LENGYEL, TAMAS, GIBER $ HOLDERITH. MAGY KEM FOLY 70, 66 (1964)

MOLALITY

	VISCOSITY
2.50700E+00	9.87100E-01
2.96800E+00	1.02300E+00
5.10700E+00	1.26230E+00
8.09500E+00	1.87500E+00
8.47300E+00	1.97960E+00
1.12860E+01	3.06600E+00

LENGYEL, TAMAS, GIBER $ HOLDERITH. MAGY KEM FOLY 70, 66 (1964)

CONCENTRATION

RELATIVE VISCOSITY

2.90000E-01	1.00800E+00
6.07000E-01	1.01500E+00
1.05000E+00	1.03200E+00
2.05900E+00	1.09400E+00
2.94700E+00	1.20100E+00

DUNLOP $ STOKES. JACS 73, 5456 (1951)

CONCENTRATION

	MOLAR CONDUCTANCE
5.00000E-04	1.25360E+02
1.00000E-03	1.24250E+02
5.00000E-03	1.21250E+02
1.00000E-02	1.19240E+02
2.00000E-02	1.16700E+02
5.00000E-02	1.12790E+02
1.00000E-01	1.08780E+02
8.56000E-01	9.44000E+01
1.00000E-01	1.09400E+02
2.50000E-01	1.04100E+02
5.00000E-01	9.88300E+01
1.00000E+00	9.25300E+01
2.00000E+00	8.36600E+01
3.00000E+00	7.57600E+01
4.00000E+00	6.83600E+01

LANDOLT-BORNSTEIN. VOL 2, PART 7 (1960)

NORMALITY

	TRANSFERENCE NUMBER
2.00000E-01	3.82700E-01
1.00000E+00	3.84000E-01

KAIMAKOV $ VERSHAVSKAYA. USP KHIM 35, 201 (1966)

CONCENTRATION

	DIFFUSION COEFFICIENT
0.	1.61600E-05
5.00000E-02	1.52700E-05
1.00000E-01	1.52000E-05
2.00000E-01	1.53200E-05
3.00000E-01	1.54700E-05
5.00000E-01	1.58000E-05
7.00000E-01	1.61200E-05
1.00000E+00	1.66200E-05
1.50000E+00	1.75100E-05
2.00000E+00	1.84600E-05
2.50000E+00	1.92500E-05
3.00000E+00	1.99200E-05

DUNLOP $ STOKES. JACS 73, 5456 (1951)

MOLALITY

	GAMMA
1.00000E-01	7.87000E-01
2.00000E-01	7.51000E-01
3.00000E-01	7.35000E-01
4.00000E-01	7.27000E-01
5.00000E-01	7.23000E-01
6.00000E-01	7.23000E-01
7.00000E-01	7.24000E-01
8.00000E-01	7.27000E-01

9.00000E-01	7.31000E-01
1.00000E+00	7.36000E-01
1.20000E+00	7.47000E-01
1.40000E+00	7.63000E-01
1.60000E+00	7.80000E-01
1.80000E+00	7.99000E-01
2.00000E+00	8.20000E-01
2.50000E+00	8.83000E-01
3.00000E+00	9.63000E-01
3.50000E+00	1.05300E+00

ROBINSCN $ STOKES. ELECTROLYTE SOLUTIONS, 2ND ED (REV) (1959)

MOLALITY

	GAMMA
1.00000E+00	7.36000E-01
2.00000E+00	8.20000E-01
3.00000E+00	1.05000E+00
4.00000E+00	1.25000E+00
5.00000E+00	1.72000E+00
6.00000E+00	2.23000E+00
7.00000E+00	2.88000E+00
8.00000E+00	3.68000E+00
9.00000E+00	4.69000E+00
1.00000E+01	5.94000E+00
1.10000E+01	7.40000E+00
1.20000E+01	9.00000E+00

MILLER $ SHERIDAN. J PHYS CHEM 60, 184 (1956)

SODIUM NITRATE IN WATER AT 25 DEGREES C

TEMP	MS	MO	NU	NU+	NU-	Z+	Z-
25.000	84.990	18.015	2.0	1.0	1.0	1.0	-1.0

CONCENTRATION

	DENSITY
1.86110E-01	1.00766E+00
4.64250E-01	1.02282E+00
6.90310E-01	1.03522E+00
9.55750E-01	1.04971E+00
1.16120E+00	1.06076E+00
1.61570E+00	1.08463E+00
1.88860E+00	1.09896E+00
2.48130E+00	1.12965E+00
3.49760E+00	1.18097E+00
4.00680E+00	1.20669E+00
4.49120E+00	1.23060E+00
4.84970E+00	1.24831E+00

GELLINGS. REC TRAV CHIM 75, 209 (1956)

CONCENTRATION

	MOLAR CONDUCTANCE
8.91480E-03	1.14420E+02
4.49210E-02	1.06590E+02
1.86110E-01	9.58900E+01

4.64250E-01	8.63300E+01
6.90310E-01	8.12700E+01
9.55750E-01	7.67700E+01
1.16120E+00	7.35900E+01
1.61570E+00	6.73200E+01
1.88860E+00	6.41400E+01
2.48130E+00	5.79100E+01
3.04870E+00	5.23000E+01
3.49760E+00	4.89700E+01
4.00680E+00	4.51700E+01
4.49120E+00	4.18300E+01
4.84970E+00	3.95500E+01

GELLINGS. REC TRAV CHIM 75, 209 (1956)

CONCENTRATION

	EQUIVALENT CONDUCTANCE
1.00000E-01	1.01260E+02

MAC INNES $ COWPERTHWAITE. TRANS FARADAY SOC 23, 400 (1927)

CONCENTRATION

	TRANSFERENCE NUMBER
1.00000E-01	4.09700E-01

MAC INNES $ COWPERTHWAITE. TRANS FARADAY SOC 23, 400 (1927)

CONCENTRATION

	DIFFUSION COEFFICIENT
2.23000E-03	1.53400E-05
4.79000E-03	1.51600E-05
7.10000E-03	1.51200E-05
8.72000E-03	1.51400E-05
1.00900E-02	1.49800E-05

HARNED $ SHROPSHIRE. JACS 80, 2618 (1958)

MOLALITY

	GAMMA
1.00000E-01	7.62000E-01
2.00000E-01	7.03000E-01
3.00000E-01	6.66000E-01
4.00000E-01	6.38000E-01
5.00000E-01	6.17000E-01
6.00000E-01	5.99000E-01
7.00000E-01	5.83000E-01
8.00000E-01	5.70000E-01
9.00000E-01	5.58000E-01
1.00000E+00	5.48000E-01
1.20000E+00	5.30000E-01
1.40000E+00	5.14000E-01
1.60000E+00	5.01000E-01
1.80000E+00	4.89000E-01
2.00000E+00	4.78000E-01
2.50000E+00	4.55000E-01
3.00000E+00	4.37000E-01
3.50000E+00	4.22000E-01
4.00000E+00	4.08000E-01
4.50000E+00	3.96000E-01
5.00000E+00	3.86000E-01
5.50000E+00	3.78000E-01
6.00000E+00	3.71000E-01

ROBINSON $ STOKES. ELECTROLYTE SOLUTIONS, 2ND ED (REV) (1959)

SODIUM NITRATE IN WATER AT 30 DEGREES C

TEMP	MS	MO	NU	NU+	NU-	Z+	Z-
30.000	84.990	18.015	2.0	1.0	1.0	1.0	-1.0

MOLALITY	RELATIVE VISCOSITY
1.00000E+00	1.05000E+00
2.00000E+00	1.13700E+00
3.00000E+00	1.26400E+00
4.00000E+00	1.40900E+00
5.00000E+00	1.56800E+00
6.00000E+00	1.74800E+00
7.00000E+00	1.95400E+00
8.00000E+00	2.16400E+00
9.00000E+00	2.41900E+00
1.13100E+01	3.02200E+00

SURYANARAYANA $ VENKATESAN. ACTA CHIM ACAD SCI HUNG 16, 149 (1958)

MOLALITY	CONDUCTIVITY
1.00000E+00	8.09000E-02
2.00000E+00	1.34800E-01
3.00000E+00	1.69500E-01
4.00000E+00	1.93000E-01
5.00000E+00	2.06600E-01
6.00000E+00	2.14900E-01
7.00000E+00	2.20200E-01
8.00000E+00	2.22700E-01
9.00000E+00	2.22500E-01

SURYANARAYANA $ VENKATESAN. ACTA CHIM ACAD SCI HUNG 17, 327 (1958)

SODIUM NITRATE IN WATER AT 35 DEGREES C

TEMP	MS	MO	NU	NU+	NU-	Z+	Z-
35.000	84.990	18.015	2.0	1.0	1.0	1.0	-1.0

MOLALITY	RELATIVE VISCOSITY
1.00000E+00	1.07300E+00
2.00000E+00	1.18500E+00
3.00000E+00	1.28200E+00
4.00000E+00	1.43100E+00
5.00000E+00	1.60500E+00
6.00000E+00	1.78800E+00
7.00000E+00	1.99600E+00
8.00000E+00	2.21500E+00

9.00000E+00	2.46700E+00
1.18100E+01	3.20400E+00

SURYANARAYANA $ VENKATESAN. ACTA CHIM ACAD SCI HUNG 16, 149 (1958)

MOLALITY

	CONDUCTIVITY
1.00000E+00	8.68000E-02
2.00000E+00	1.52200E-01
3.00000E+00	1.80700E-01
4.00000E+00	2.04400E-01
5.00000E+00	2.20900E-01
6.00000E+00	2.29700E-01
7.00000E+00	2.35000E-01
8.00000E+00	2.36800E-01
9.00000E+00	2.36800E-01

SURYANARAYANA $ VENKATESAN. ACTA CHIM ACAD SCI HUNG 17, 327 (1958)

SODIUM NITRATE IN WATER AT 40 DEGREES C

TEMP	MS	MO	NU	NU+	NU-	Z+	Z-
40.000	84.990	18.015	2.0	1.0	1.0	1.0	-1.0

MOLALITY

	RELATIVE VISCOSITY
1.00000E+00	1.08200E+00
2.00000E+00	1.20000E+00
3.00000E+00	1.30000E+00
4.00000E+00	1.44600E+00
5.00000E+00	1.62400E+00
6.00000E+00	1.80200E+00
7.00000E+00	2.01600E+00
8.00000E+00	2.22400E+00
9.00000E+00	2.46900E+00
1.23200E+01	3.36100E+00

SURYANARAYANA $ VENKATESAN. ACTA CHIM ACAD SCI HUNG 16, 149 (1958)

MOLALITY

	CONDUCTIVITY
1.00000E+00	9.34000E-02
2.00000E+00	1.64000E-01
3.00000E+00	1.95100E-01
4.00000E+00	2.21000E-01
5.00000E+00	2.37900E-01
6.00000E+00	2.48500E-01
7.00000E+00	2.53800E-01
8.00000E+00	2.57000E-01
9.00000E+00	2.57400E-01

SURYANARAYANA $ VENKATESAN. ACTA CHIM ACAD SCI HUNG 17, 327 (1958)

SODIUM NITRATE IN WATER AT 45 DEGREES C

TEMP	MS	MO	NU	NU+	NU-	Z+	Z-
45.000	84.990	18.015	2.0	1.0	1.0	1.0	-1.0

MOLALITY

	RELATIVE VISCOSITY
1.00000E+00	1.08600E+00
2.00000E+00	1.20500E+00
3.00000E+00	1.30700E+00
4.00000E+00	1.45400E+00
5.00000E+00	1.62900E+00
6.00000E+00	1.80400E+00
7.00000E+00	2.00500E+00
8.00000E+00	2.21800E+00
9.00000E+00	2.45800E+00
1.28300E+01	3.50000E+00

SURYANARAYANA $ VENKATESAN. ACTA CHIM ACAD SCI HUNG 16, 149 (1958)

MOLALITY

	CONDUCTIVITY
1.00000E+00	1.03000E-01
2.00000E+00	1.77500E-01
3.00000E+00	2.10800E-01
4.00000E+00	2.37400E-01
5.00000E+00	2.54900E-01
6.00000E+00	2.66800E-01
7.00000E+00	2.74200E-01
8.00000E+00	2.76300E-01
9.00000E+00	2.78900E-01

SURYANARAYANA $ VENKATESAN. ACTA CHIM ACAD SCI HUNG 17, 327 (1958)

SODIUM NITRATE IN WATER AT 50 DEGREES C

TEMP	MS	MO	NU	NU+	NU-	Z+	Z-
50.000	84.990	18.015	2.0	1.0	1.0	1.0	-1.0

MOLALITY

	RELATIVE VISCOSITY
1.00000E+00	1.09400E+00
2.00000E+00	1.21800E+00
3.00000E+00	1.31900E+00
4.00000E+00	1.46600E+00
5.00000E+00	1.64300E+00
6.00000E+00	1.81700E+00
7.00000E+00	2.00700E+00
8.00000E+00	2.22200E+00
9.00000E+00	2.45300E+00
1.33400E+01	3.63400E+00

SURYANARAYANA $ VENKATESAN. ACTA CHIM ACAD SCI HUNG 16, 149 (1958)

MOLALITY

CONDUCTIVITY

1.00000E+00	1.10800E-01
2.00000E+00	1.89800E-01
3.00000E+00	2.25100E-01
4.00000E+00	2.53800E-01
5.00000E+00	2.73400E-01
6.00000E+00	2.86900E-01
7.00000E+00	2.93900E-01
8.00000E+00	2.98300E-01
9.00000E+00	2.99700E-01

SURYANARAYANA $ VENKATESAN. ACTA CHIM ACAD SCI HUNG 17, 327 (1958)

SODIUM NITRATE IN WATER AT 55 DEGREES C

TEMP	MS	MO	NU	NU+	NU-	Z+	Z-
55.000	84.990	18.015	2.0	1.0	1.0	1.0	-1.0

MOLALITY

	RELATIVE VISCOSITY
1.00000E+00	1.10200E+00
2.00000E+00	1.22400E+00
3.00000E+00	1.34500E+00
4.00000E+00	1.47600E+00
5.00000E+00	1.65000E+00
6.00000E+00	1.82400E+00
7.00000E+00	2.00200E+00
8.00000E+00	2.22800E+00
9.00000E+00	2.45400E+00
1.39000E+01	3.71800E+00

SURYANARAYANA $ VENKATESAN. ACTA CHIM ACAD SCI HUNG 16, 149 (1958)

MOLALITY

	CONDUCTIVITY
1.00000E+00	1.18500E-01
2.00000E+00	2.02200E-01
3.00000E+00	2.40400E-01
4.00000E+00	2.69900E-01
5.00000E+00	2.91600E-01
6.00000E+00	3.06100E-01
7.00000E+00	3.14100E-01
8.00000E+00	3.18500E-01
9.00000E+00	3.20700E-01

SURYANARAYANA $ VENKATESAN. ACTA CHIM ACAD SCI HUNG 17, 327 (1958)

SODIUM HYDROXIDE IN WATER AT 20 DEGREES C

TEMP	MS	MO	NU	NU+	NU-	Z+	Z-
20.000	40.000	18.015	2.0	1.0	1.0	1.0	-1.0

MASS FRACTION

	DENSITY
5.00000E-04	9.98700E-01
9.90000E-03	1.00860E+00
4.76000E-02	1.04820E+00
9.10000E-02	1.09380E+00
2.02600E-01	1.21090E+00
3.29800E-01	1.34450E+00
4.89600E-01	1.51200E+00

MAKSIMOVA $ YUSHKEVICH. ZH FIZ KHIM 37, 903 (1963)

MASS FRACTION

	CONDUCTIVITY
5.00000E-04	2.60000E-03
9.90000E-03	5.00000E-02
4.76000E-02	1.90000E-01
9.10000E-02	3.00000E-01
2.02600E-01	3.40000E-01
3.29800E-01	2.80000E-01
4.89600E-01	1.50000E-01

MAKSIMOVA $ YUSHKEVICH. ZH FIZ KHIM 37, 903 (1963)

MOLALITY

	TRANSFERENCE NUMBER
-0.	2.00000E-01
2.00000E+00	6.00000E-02
3.00000E+00	2.00000E-02
4.00000E+00	2.00000E-02
5.00000E+00	2.00000E-02
6.00000E+00	2.00000E-02
7.00000E+00	4.00000E-02
8.00000E+00	9.00000E-02
9.00000E+00	1.40000E-01
1.00000E+01	1.40000E-01
1.10000E+01	1.10000E-01
1.20000E+01	6.00000E-02
1.30000E+01	1.00000E-02
1.40000E+01	-0.
1.50000E+01	7.00000E-02
1.60000E+01	2.20000E-01
1.70000E+01	4.10000E-01

LENGYEL, GIBER, BEKE $ VERTES.ACTA CHIM ACAD SCI HUNG 39,356(1963)

CONCENTRATION

	DIFFUSION COEFFICIENT
2.78300E-02	1.74600E-05
5.44000E-02	1.70700E-05
1.02800E-01	1.67400E-05
3.18100E-01	1.61500E-05
7.41300E-01	1.53200E-05

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SODIUM HYDROXIDE IN WATER AT 25 DEGREES C

TEMP	MS	MO	NU	NU+	NU-	Z+	Z-

25.000 40.000 18.015 2.0 1.0 1.0 1.0 -1.0

CONCENTRATION

	DENSITY
1.11400E+00	1.04640E+00
1.65700E+00	1.06870E+00
2.46900E+00	1.09590E+00
3.78200E+00	1.14230E+00

TIMMERMANS. PHYSICO-CHEMICAL CONSTANTS OF BINARY SYSTEMS, 1960

MOLES/1000 G OF SOLUTION

	DENSITY
9.45300E-01	1.03859E+00
1.01420E-01	1.00161E+00

MARSH $ STOKES. AUSTRL J CHEM 17, 740 (1964)

MASS FRACTION

	DENSITY
3.75320E-02	1.03825E+00
6.54500E-02	1.06887E+00
7.89200E-02	1.08344E+00
9.67100E-02	1.10294E+00
1.14250E-01	1.12220E+00
1.32810E-01	1.14241E+00
1.71570E-01	1.18493E+00
1.98130E-01	1.21414E+00
2.46920E-01	1.26794E+00
3.01340E-01	1.32612E+00
3.90080E-01	1.41695E+00
4.89730E-01	1.51217E+00

TAMAS. ACTA CHIM ACAD SCI HUNG 40, 117 (1964)

CONCENTRATION

	DENSITY
-0.	9.97100E-01
3.93300E-05	9.97100E-01
1.44400E-04	9.97100E-01
3.52400E-04	9.97100E-01
7.29200E-04	9.97100E-01
1.26500E-03	9.97100E-01
2.77360E-03	9.97200E-01
5.59710E-03	9.97300E-01
2.44180E-03	9.97200E-01
1.44250E-02	9.97800E-01
2.83910E-02	9.98400E-01
4.07590E-02	9.98900E-01
8.58150E-02	1.00090E+00

HETLAND. JACS 68, 2532 (1946)

CONCENTRATION

	VISCOSITY
1.11400E+00	1.25000E+00
1.65700E+00	1.39500E+00
2.46900E+00	1.65800E+00
3.78200E+00	2.21900E+00

TIMMERMANS. PHYSICO-CHEMICAL CONSTANTS OF BINARY SYSTEMS, 1960

MOLES/1000 G OF SOLUTION

	MOLAR CONDUCTANCE
6.50900E-02	2.25700E+02
6.85100E-02	2.24900E+02
9.12900E-02	2.22400E+02
9.41900E-02	2.21700E+02
1.12670E-01	2.20200E+02
1.14150E-01	2.19600E+02
1.43470E-01	2.17000E+02
1.51160E-01	2.16700E+02
1.70430E-01	2.14800E+02
2.06390E-01	2.12600E+02
2.06760E-01	2.12200E+02
2.07070E-01	2.12800E+02
2.47890E-01	2.10000E+02
2.87320E-01	2.07700E+02
2.90250E-01	2.07700E+02
3.68550E-01	2.03500E+02
4.40990E-01	2.00000E+02
5.54470E-01	1.95000E+02
7.71260E-01	1.86200E+02
1.11030E+00	1.73800E+02
1.39190E+00	1.64100E+02
2.04920E+00	1.42900E+02
2.63690E+00	1.25000E+02
3.61290E+00	8.66300E+01
8.05720E+00	2.36700E+01
1.25540E+01	6.47700E+00

DARKEN $ MEIER. J AM CHEM SOC 64, 621 (1942)

CONCENTRATION

	MOLAR CONDUCTANCE
1.39390E-03	2.44930E+02
1.77460E-03	2.44420E+02
2.56170E-03	2.43460E+02
3.16300E-03	2.42880E+02
4.49720E-03	2.41800E+02
5.07870E-03	2.41260E+02
6.70970E-03	2.40280E+02
7.08990E-03	2.40000E+02
9.59400E-03	2.38720E+02
9.71380E-03	2.38640E+02
1.35844E-02	2.36910E+02
1.58535E-02	2.36100E+02
1.59438E-02	2.36030E+02
1.79533E-02	2.35330E+02
4.36220E-02	2.29120E+02

MARSH $ STOKES. AUSTRL J CHEM 17, 740 (1964)

CONCENTRATION

	CONDUCTIVITY
3.93300E-05	9.71000E-06
1.44400E-04	3.56100E-05
3.52400E-04	8.66100E-05
7.29200E-04	1.78490E-04
1.26500E-03	3.08200E-04
2.77360E-03	6.69450E-04
5.59710E-03	1.34100E-03
2.44180E-03	5.89700E-04

1.44250E-02	3.39850E-03
2.83910E-02	6.57190E-03
4.07590E-02	9.33800E-03
8.58150E-02	1.90940E-02

HETLAND. JACS 68, 2532 (1946)

NORMALITY

	TRANSFERENCE NUMBER
1.00000E-02	2.03000E-01
2.00000E-02	1.97000E-01
5.00000E-02	1.89000E-01
1.00000E-01	1.83000E-01
2.00000E-01	1.77000E-01
5.00000E-01	1.69000E-01
1.00000E+00	1.63000E-01

KAIMAKOV $ VERSHAVSKAYA. USP KHIM 35, 201 (1966)

CONCENTRATION

	DIFFUSION COEFFICIENT
3.12000E-02	1.99000E-05
5.14900E-02	1.97500E-05
1.02600E-01	1.91300E-05
3.01500E-01	1.82900E-05
7.03500E-01	1.77800E-05
1.01000E+00	1.73900E-05
2.17800E+00	1.69600E-05

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MOLALITY

	GAMMA
1.00000E-01	7.64000E-01
2.00000E-01	7.25000E-01
3.00000E-01	7.06000E-01
4.00000E-01	6.95000E-01
5.00000E-01	6.88000E-01
6.00000E-01	6.83000E-01
7.00000E-01	6.80000E-01
8.00000E-01	6.77000E-01
9.00000E-01	6.76000E-01
1.00000E+00	6.77000E-01
1.20000E+00	6.79000E-01
1.40000E+00	6.84000E-01
1.60000E+00	6.90000E-01
1.80000E+00	6.98000E-01
2.00000E+00	7.07000E-01
2.50000E+00	7.41000E-01
3.00000E+00	7.82000E-01
3.50000E+00	8.33000E-01
4.00000E+00	9.01000E-01
4.50000E+00	9.82000E-01
5.00000E+00	1.07400E+00
5.50000E+00	1.17800E+00
6.00000E+00	1.29600E+00

ROBINSON $ STOKES. ELECTROLYTE SOLUTIONS, 2ND ED (REV) (1959)

MOLALITY

	GAMMA
7.00000E+00	1.59900E+00

8.00000E+00	2.00000E+00
9.00000E+00	2.54000E+00
1.00000E+01	3.22000E+00
1.10000E+01	4.09000E+00
1.20000E+01	5.18000E+00
1.30000E+01	6.48000E+00
1.40000E+01	8.02000E+00
1.50000E+01	9.71000E+00
1.60000E+01	1.15500E+01
1.70000E+01	1.34300E+01
1.80000E+01	1.53700E+01
1.90000E+01	1.73300E+01
2.00000E+01	1.92800E+01

ROBINSON $ STOKES. ELECTROLYTE SOLUTIONS, 2ND ED (REV) (1959)

MOLALITY	GAMMA
2.70600E+01	3.09600E+01
2.41050E+01	2.71300E+01
2.07500E+01	1.92100E+01
1.89300E+01	1.80200E+01
1.69300E+01	1.36600E+01
1.43600E+01	8.87000E+00
1.11400E+01	4.37000E+00
8.09900E+00	2.07000E+00
5.99600E+00	1.31000E+00
4.08000E+00	9.17000E-01
2.05000E+00	7.27000E-01
1.02300E+00	6.80000E-01
5.32000E-01	6.81000E-01
2.52000E-01	7.26000E-01

SHIBATA $ MURATA. NIPPON KAGAKU ZASSHI 52, 645 (1931)

SODIUM HYDROXIDE IN WATER AT 30.06 DEGREES C

TEMP	MS	MO	NU	NU+	NU-	Z+	Z-
30.060	40.000	18.015	2.0	1.0	1.0	1.0	-1.0

CONCENTRATION	DIFFUSION COEFFICIENT
2.54300E-02	2.25100E-05
3.67500E-02	2.17900E-05
8.90500E-02	2.11700E-05
2.34100E-01	2.04700E-05
5.44400E-01	2.00200E-05
1.10100E+00	1.96400E-05

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SODIUM HYDROXIDE IN WATER AT 35 DEGREES C

TEMP	MS	MO	NU	NU+	NU-	Z+	Z-
35.000	40.000	18.015	2.0	1.0	1.0	1.0	-1.0

CONCENTRATION

	DIFFUSION COEFFICIENT
2.88900E-02	2.44800E-05
5.71700E-02	2.40200E-05
9.95400E-02	2.33500E-05
3.13900E-01	2.26700E-05
7.52100E-01	2.19400E-05

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SODIUM SULFATE IN WATER AT 25 DEGREES C

TEMP	MS	MO	NU	NU+	NU-	Z+	Z-
25.000	142.040	18.015	3.0	2.0	1.0	1.0	-2.0

MASS FRACTION

	DENSITY
8.80000E-03	1.00790E+00
1.77000E-02	1.01350E+00
4.61000E-02	1.03930E+00
7.28000E-02	1.06380E+00
1.06100E-01	1.09520E+00
1.54400E-01	1.14250E+00
1.80900E-01	1.17050E+00
2.18000E-01	1.20710E+00

TRIMBLE. J AM CHEM SOC 44, 451 (1922)

NORMALITY

	DENSITY
1.55000E+00	1.08900E+00
2.52000E+00	1.14300E+00
3.16000E+00	1.17800E+00
3.72000E+00	1.20800E+00

EZROKHI. ZHUR PRIKLAD KHIM 25, 838 (1952)

CONCENTRATION

	RELATIVE DENSITY
5.00000E-04	1.00007E+00
9.90000E-04	1.00013E+00
2.51000E-03	1.00034E+00
5.01000E-03	1.00065E+00
1.00000E-02	1.00128E+00
1.77700E-02	1.00216E+00
2.50000E-02	1.00323E+00
7.12500E-02	1.00912E+00

GLASS $ MADGIN. J CHEM SOC 1934, 1124

CONCENTRATION

	RELATIVE VISCOSITY
5.00000E-04	1.00050E+00

9.90000E-04	1.00090E+00
2.51000E-03	1.00170E+00
5.01000E-03	1.00290E+00
1.00000E-02	1.00550E+00
1.77700E-02	1.00790E+00
2.50000E-02	1.01180E+00
7.12500E-02	1.03130E+00

GLASS $ MADGIN. J CHEM SOC 1934, 1124

MOLALITY

	RELATIVE VISCOSITY
1.78300E-02	1.00790E+00
7.15600E-02	1.03130E+00
1.44370E-01	1.06260E+00
2.92960E-01	1.12960E+00
4.49380E-01	1.20620E+00
6.12470E-01	1.29430E+00
7.86070E-01	1.39440E+00
9.52790E-01	1.51060E+00
1.34412E+00	1.80950E+00
1.55108E+00	1.97790E+00
1.77155E+00	2.21550E+00
2.00111E+00	2.48440E+00

GLASS $ MADGIN. J CHEM SOC 1934, 1124

NORMALITY

	RELATIVE VISCOSITY
1.55000E+00	1.41100E+00
2.52000E+00	1.78000E+00
3.16000E+00	2.10000E+00
3.72000E+00	2.45000E+00

EZROKHI. ZHUR PRIKLAD KHIM 25, 838 (1952)

NORMALITY

	EQUIVALENT CONDUCTANCE
1.03840E-04	1.28240E+02
1.43800E-04	1.27900E+02
1.94270E-04	1.27510E+02
3.18980E-04	1.26780E+02
3.37360E-04	1.26610E+02
5.46710E-04	1.25680E+02
6.09190E-04	1.25420E+02
8.00130E-04	1.24730E+02
8.11860E-04	1.24730E+02
1.19010E-03	1.23570E+02

JENKINS $ MONK. J AM CHEM SOC 72, 2695 (1950)

MOLALITY

	CONDUCTIVITY
4.04890E-03	9.21200E-04
5.50910E-03	1.22860E-03
7.10100E-03	1.55600E-03
1.24110E-02	2.59720E-03
2.60350E-02	5.06460E-03
2.77360E-02	5.35510E-03
3.47220E-02	6.53430E-03
3.64200E-02	6.80760E-03
4.25640E-02	7.80260E-03

5.83330E-02	1.02670E-02
6.94480E-02	1.19315E-02
8.50530E-02	1.41990E-02
9.77600E-02	1.59620E-02
1.10540E-01	1.77210E-02
1.18450E-01	1.87880E-02
1.24340E-01	1.95760E-02
1.28990E-01	2.01820E-02
1.56550E-01	2.37130E-02
1.69140E-01	2.52460E-02
1.86550E-01	2.73500E-02
1.97850E-01	2.87160E-02
2.04150E-01	2.94510E-02
2.10790E-01	3.02520E-02
2.26620E-01	3.20420E-02
2.25730E-01	3.19110E-02
2.49950E-01	3.46560E-02
2.50870E-01	3.47610E-02
2.74380E-01	3.73230E-02

INDELLI. RICERCA SCI 23, 2258 (1953)

NORMALITY

	EQUIVALENT CONDUCTANCE
5.00000E-04	1.25000E+02

CLEWS. PROC PHYS SOC (LONDON) 47, 818 (1935)

NORMALITY

	TRANSFERENCE NUMBER
9.93100E-03	3.84800E-01
1.98080E-02	3.83600E-01
5.03470E-02	3.82900E-01
1.00125E-01	3.82800E-01
1.98240E-01	3.82800E-01

LONGSWORTH. JACS 57, 1185 (1935)

NORMALITY

	DIFFUSION COEFFICIENT
-0.	1.22900E-05
2.00000E-01	1.05700E-05
5.00000E-01	9.53000E-06
1.00000E+00	9.49000E-06
2.00000E+00	9.92000E-06

VINOGRAD $ MC BAIN. JACS 63, 2008 (1941)

CONCENTRATION

	DIFFUSION COEFFICIENT
8.10000E-04	1.17800E-05
8.10000E-04	1.17700E-05
1.47000E-03	1.17000E-05
1.99000E-03	1.16000E-05
2.68000E-03	1.15100E-05
3.56000E-03	1.13700E-05
4.48000E-03	1.12900E-05
4.49000E-03	1.13200E-05
4.79000E-03	1.12400E-05

HARNED $ BLAKE. JACS 73, 2448 (1951)

CONCENTRATION

	GAMMA
2.50000E-02	6.08000E-01
5.00000E-02	5.14000E-01
1.25000E-01	3.98000E-01
2.50000E-01	3.32000E-01
5.00000E-01	2.66000E-01
1.00000E+00	2.09000E-01
1.50000E+00	1.79000E-01
2.00000E+00	1.55000E-01

AKERLOF. J AM CHEM SOC 48, 1160 (1926)

MOLALITY

	GAMMA
1.00000E-01	4.45000E-01
2.00000E-01	3.65000E-01
3.00000E-01	3.20000E-01
4.00000E-01	2.89000E-01
5.00000E-01	2.66000E-01
6.00000E-01	2.48000E-01
7.00000E-01	2.33000E-01
8.00000E-01	2.21000E-01
9.00000E-01	2.10000E-01
1.00000E+00	2.01000E-01
1.20000E+00	1.86000E-01
1.40000E+00	1.74600E-01
1.60000E+00	1.65400E-01
1.80000E+00	1.58000E-01
2.00000E+00	1.52000E-01
2.50000E+00	1.41800E-01
3.00000E+00	1.36500E-01
3.50000E+00	1.34500E-01
4.00000E+00	1.35400E-01

STOKES. TRANS FARADAY SOC 44, 295 (1948)

MOLALITY

	GAMMA
1.00000E-01	4.45000E-01
2.00000E-01	3.65000E-01
3.00000E-01	3.20000E-01
4.00000E-01	2.89500E-01
5.00000E-01	2.67000E-01
6.00000E-01	2.49000E-01
7.00000E-01	2.34000E-01
8.00000E-01	2.22000E-01
9.00000E-01	2.11500E-01
1.00000E+00	2.02000E-01
1.50000E+00	1.71000E-01
2.00000E+00	1.53000E-01
2.50000E+00	1.43000E-01
3.00000E+00	1.38000E-01
3.50000E+00	1.36000E-01
4.00000E+00	1.37000E-01

ROBINSON, WILSON $ STOKES. J AM CHEM SOC 63, 1011 (1941)

CONCENTRATION

	GAMMA
2.50000E-02	5.99000E-01
5.00000E-02	5.06000E-01

1.25000E-01	3.92000E-01
2.49000E-01	3.27000E-01
4.95000E-01	2.62000E-01
9.75000E-01	2.06000E-01
1.43800E+00	1.78000E-01
1.88200E+00	1.53000E-01

HARNED $ AKERLOF. PHYSIK Z 27, 411 (1926)

RUBIDIUM CHLORIDE IN WATER AT 25 DEGREES C

TEMP	MS	MO	NU	NU+	NU-	Z+	Z-
25.000	120.920	18.015	2.0	1.0	1.0	1.0	-1.0

MOLALITY

	DENSITY
4.37600E-01	1.03480E+00
9.92900E-01	1.08040E+00
1.79720E+00	1.14270E+00
2.61580E+00	1.20210E+00
3.73580E+00	1.28380E+00
5.07000E+00	1.35790E+00
5.92550E+00	1.40570E+00
6.67780E+00	1.44500E+00
7.42010E+00	1.48310E+00

LENGYEL, TAMAS, GIBER $ HOLDERITH. MAGY KEM FOLY 70, 66 (1964)

MOLALITY

	VISCOSITY
4.37600E-01	8.78900E-01
9.92900E-01	8.69700E-01
1.79720E+00	8.60500E-01
2.61580E+00	8.61300E-01
3.73580E+00	8.70500E-01
5.07000E+00	9.04700E-01
5.92550E+00	9.30400E-01
6.67780E+00	9.55200E-01
7.42010E+00	9.90000E-01

LENGYEL, TAMAS, GIBER $ HOLDERITH. MAGY KEM FOLY 70, 66 (1964)

NORMALITY

	TRANSFERENCE NUMBER
2.00000E-02	4.99800E-01
1.00000E-01	4.96800E-01

KAIMAKOV $ VERSHAVSKAYA. USP KHIM 35, 201 (1966)

CONCENTRATION

	DIFFUSION COEFFICIENT
-0.	2.05700E-05
1.76000E-03	2.01200E-05
2.55000E-03	2.00800E-05
4.08000E-03	2.00100E-05
4.46000E-03	1.98800E-05
4.49000E-03	1.99800E-05

4.60000E-03	1.99800E-05
6.77000E-03	1.98600E-05
6.87000E-03	1.98900E-05
7.97000E-03	1.97900E-05
1.11000E-02	1.96900E-05

HARNED $ BLANDER. JACS 75, 2853 (1953)

MOLALITY

	GAMMA
1.00000E-01	7.64000E-01
2.00000E-01	7.09000E-01
3.00000E-01	6.75000E-01
4.00000E-01	6.52000E-01
5.00000E-01	6.34000E-01
6.00000E-01	6.20000E-01
7.00000E-01	6.08000E-01
8.00000E-01	5.99000E-01
9.00000E-01	5.90000E-01
1.00000E+00	5.83000E-01
1.20000E+00	5.72000E-01
1.40000E+00	5.63000E-01
1.60000E+00	5.56000E-01
1.80000E+00	5.51000E-01
2.00000E+00	5.46000E-01
2.50000E+00	5.39000E-01
3.00000E+00	5.36000E-01
3.50000E+00	5.36000E-01
4.00000E+00	5.38000E-01
4.50000E+00	5.41000E-01
5.00000E+00	5.46000E-01

ROBINSON $ STOKES. ELECTROLYTE SOLUTIONS, 2ND ED (REV) (1959)

STRONTIUM CHLORIDE IN WATER AT 25 DEGREES C

TEMP	MS	MO	NU	NU+	NU-	Z+	Z-
25.000	158.530	18.015	3.0	1.0	2.0	2.0	-1.0

NORMALITY

	DENSITY
9.88700E-02	1.00393E+00
1.19054E-01	1.00532E+00
1.81723E-01	1.00961E+00
4.46675E-01	1.02771E+00
5.22641E-01	1.03283E+00

SHEDLOVSKY $ BROWN. JACS 56, 1066 (1934)

NORMALITY

	RELATIVE VISCOSITY
9.85000E-02	1.01550E+00
1.97000E-01	1.02890E+00
4.92500E-01	1.06690E+00
9.85000E-01	1.13800E+00
2.00000E+00	1.30820E+00

TIMMERMANS. PHYSICO-CHEMICAL CONSTANTS OF BINARY SYSTEMS, 1960

NORMALITY

	VISCOSITY
5.00000E-01	9.58700E-01
1.00000E+00	1.02620E+00
2.00000E+00	1.18380E+00
4.00000E+00	1.77400E+00

TIMMERMANS. PHYSICO-CHEMICAL CONSTANTS OF BINARY SYSTEMS, 1960

NORMALITY

	VISCOSITY
1.12500E+00	1.06500E+00
2.25000E+00	1.25300E+00
3.37500E+00	1.51300E+00
4.50000E+00	1.85900E+00

TIMMERMANS. PHYSICO-CHEMICAL CONSTANTS OF BINARY SYSTEMS, 1960

MOLALITY

	CONDUCTIVITY
4.91400E-02	9.69000E-02
9.84700E-02	1.80400E-02
2.49200E-01	4.09000E-02
4.76400E-01	7.30000E-02
1.00000E+00	1.19500E-01

KONDRATEV $ NIKICH. ZH FIZ KHIM 37, 100 (1963)

NORMALITY

	EQUIVALENT CONDUCTANCE
0.	1.35800E+02
1.00000E-03	1.30330E+02
2.00000E-03	1.28170E+02
3.00000E-03	1.26600E+02
4.00000E-03	1.25320E+02
5.00000E-03	1.24240E+02
6.00000E-03	1.23280E+02
7.00000E-03	1.22430E+02
8.00000E-03	1.21650E+02
9.00000E-03	1.20940E+02
1.00000E-02	1.20290E+02
2.00000E-02	1.15540E+02
3.00000E-02	1.12450E+02
4.00000E-02	1.10140E+02
5.00000E-02	1.08250E+02
6.00000E-02	1.06690E+02
7.00000E-02	1.05360E+02
8.00000E-02	1.04180E+02
9.00000E-02	1.03140E+02
1.00000E-01	1.02190E+02

SHEDLOVSKY $ BROWN. JACS 56, 1066 (1934)

CONCENTRATION

	DIFFUSION COEFFICIENT
-0.	1.33600E-05
1.08000E-03	1.27000E-05
1.50000E-03	1.25600E-05
2.50000E-03	1.24300E-05
2.72000E-03	1.24400E-05

3.00000E-03	1.23300E-05
3.00000E-03	1.23700E-05
4.45000E-03	1.22200E-05
5.49000E-03	1.21200E-05
6.11000E-03	1.21700E-05
7.74000E-03	1.20800E-05

HARNED $ POLESTRA. JACS 75, 4168 (1953)

MOLALITY

	GAMMA
1.00000E-01	5.15000E-01
2.00000E-01	4.66000E-01
3.00000E-01	4.46000E-01
4.00000E-01	4.36000E-01
5.00000E-01	4.33000E-01
6.00000E-01	4.34000E-01
7.00000E-01	4.37000E-01
8.00000E-01	4.45000E-01
9.00000E-01	4.53000E-01
1.00000E+00	4.65000E-01
1.20000E+00	4.93000E-01
1.40000E+00	5.28000E-01
1.60000E+00	5.70000E-01
1.80000E+00	6.19000E-01
2.00000E+00	6.75000E-01
2.50000E+00	8.62000E-01
3.00000E+00	1.13500E+00
3.50000E+00	1.50400E+00
4.00000E+00	1.99300E+00

ROBINSON $ STOKES. ELECTROLYTE SOLUTIONS, 2ND ED (REV) (1959)

ZINC SULFATE IN WATER AT 25 DEGREES C

TEMP	MS	MO	NU	NU+	NU-	Z+	Z-
25.000	161.430	18.015	2.0	1.0	1.0	2.0	-2.0

MOLALITY

	DENSITY
2.00300E+00	1.29730E+00
1.51200E+00	1.22680E+00
5.04100E-01	1.07720E+00
2.49800E-01	1.03740E+00
9.83600E-02	1.01340E+00

PURSER $ STOKES. J AM CHEM SOC 73, 5650 (1951)

NORMALITY

	DENSITY
1.39000E+00	1.10570E+00
2.78000E+00	1.20990E+00
4.02000E+00	1.31000E+00
5.56000E+00	1.40710E+00

HERZ. Z ANORG CHEMIE 89, 393 (1914)

CONCENTRATION

	RELATIVE DENSITY
3.06000E-04	1.00005E+00
6.10000E-04	1.00009E+00
1.00800E-03	1.00015E+00
1.44900E-03	1.00022E+00
1.93300E-03	1.00029E+00
2.55600E-03	1.00038E+00
3.30300E-03	1.00049E+00
4.20900E-03	1.00063E+00
5.51700E-03	1.00083E+00
6.77500E-03	1.00101E+00
8.74200E-03	1.00131E+00

ASMUS. Z PHYSIK 108, 491 (1938)

CONCENTRATION

	RELATIVE DENSITY
3.06000E-04	1.00006E+00
6.10000E-04	1.00011E+00
1.00800E-03	1.00018E+00
1.44900E-03	1.00025E+00
1.93300E-03	1.00033E+00
2.55600E-03	1.00042E+00
3.30300E-03	1.00056E+00
4.20900E-03	1.00072E+00
5.51700E-03	1.00094E+00
6.77500E-03	1.00115E+00
8.74200E-03	1.00149E+00

ASMUS. ANN DER PHYSIK, SER 5, 35, 1 (1939)

NORMALITY

	RELATIVE VISCOSITY
1.39000E+00	1.57100E+00
2.78000E+00	2.51600E+00
4.02000E+00	4.19300E+00
5.56000E+00	7.28700E+00

HERZ. Z ANORG CHEMIE 89, 393 (1914)

CONCENTRATION

	RELATIVE VISCOSITY
3.06000E-04	1.00056E+00
6.10000E-04	1.00082E+00
1.00800E-03	1.00119E+00
1.44900E-03	1.00150E+00
1.93300E-03	1.00187E+00
2.55600E-03	1.00236E+00
3.30300E-03	1.00290E+00
4.20900E-03	1.00348E+00
5.51700E-03	1.00449E+00
6.77500E-03	1.00539E+00
8.74200E-03	1.00663E+00

ASMUS. Z PHYSIK 108, 491 (1938)

CONCENTRATION

	RELATIVE VISCOSITY
3.06000E-04	1.00056E+00
6.10000E-04	1.00084E+00
1.00800E-03	1.00122E+00

1.44900E-03	1.00154E+00
1.93300E-03	1.00192E+00
2.55600E-03	1.00240E+00
3.30300E-03	1.00297E+00
4.20900E-03	1.00357E+00
5.51700E-03	1.00460E+00
6.77500E-03	1.00553E+00
8.74200E-03	1.00681E+00

ASMUS. ANN DER PHYSIK, SER 5, 35, 1 (1939)

NORMALITY

	EQUIVALENT CONDUCTANCE
2.00000E-04	1.21000E+02
5.00000E-04	1.17000E+02
1.00000E-03	1.12500E+02
2.00000E-03	1.06000E+02
5.00000E-03	9.50000E+01
1.00000E-02	8.45000E+01
2.00000E-02	7.32500E+01
5.00000E-02	6.07500E+01
1.00000E-01	5.25000E+01
2.00000E-01	4.50000E+01
5.00000E-01	3.63000E+01
7.00000E-01	3.31000E+01
1.00000E+00	3.00000E+01
1.30000E+00	2.75000E+01
2.00000E+00	2.35000E+01

DEMASSIEUX $ FEDOROFF. ANN DE CHIM, SER 11, 16, 215 (1941)

NORMALITY

	CONDUCTIVITY
1.00000E-01	5.37000E-03
2.50000E-01	1.09200E-02
5.00000E-01	1.85700E-02
1.00000E+00	3.06800E-02

HALLSTROM. SOC SCI FENNICA COMM PHYS MATH 1 (20) 1 (1922)

CONCENTRATION

	CONDUCTIVITY
3.88000E-04	9.16300E-05
8.53200E-04	1.87660E-04
1.53970E-03	3.15490E-04
2.37480E-03	4.57280E-04
3.67860E-03	6.59800E-04
5.37120E-03	9.00400E-04
6.94120E-03	1.10832E-03
9.64280E-03	1.44269E-03
1.43990E-02	1.98308E-03
1.87372E-02	2.44029E-03
4.16800E-04	9.79400E-05
8.61400E-04	1.89330E-04
1.50630E-03	3.09590E-04
2.37170E-03	4.56840E-04
3.67240E-03	6.58920E-04
5.07180E-03	8.59300E-04
6.82540E-03	1.09342E-03
8.68670E-03	1.32720E-03
1.10427E-02	1.60707E-03
1.56522E-02	2.11795E-03

1.98362E-02	2.55188E-03
5.47400E-04	1.25780E-04
2.24110E-03	4.35470E-04
4.64630E-03	7.99040E-04
8.44330E-03	1.29735E-03
1.60010E-02	2.15505E-03
2.40430E-02	2.96765E-03
3.25900E-02	3.76580E-03
4.19650E-02	4.58940E-03
5.06340E-02	5.31560E-03
6.08260E-02	6.13560E-03
7.35630E-02	7.11950E-03
8.57730E-02	8.02790E-03
1.08509E-01	9.64630E-03
1.28845E-01	1.10273E-02

OWEN $ GURRY. JACS 60, 3074 (1938)

MOLALITY

	TRANSFERENCE NUMBER
2.19100E+00	1.87000E-01
2.06500E+00	1.96000E-01
1.93300E+00	2.04000E-01
1.59600E+00	2.24000E-01
1.33400E+00	2.38000E-01
1.03600E+00	2.56000E-01
7.71000E-01	2.75000E-01
5.03000E-01	3.01000E-01
2.55200E-01	3.39000E-01
1.00300E-01	3.92000E-01
8.35000E-02	3.92000E-01
4.68000E-02	3.92000E-01
1.77300E-02	3.92000E-01
9.67000E-03	3.92000E-01
4.64000E-03	3.92000E-01

LANG $ KING. JACS 76, 4716 (1954)

NORMALITY

	TRANSFERENCE NUMBER
9.69200E-03	3.82600E-01
9.69200E-03	3.83000E-01
2.27000E-02	3.79900E-01
3.54900E-02	3.77200E-01
3.54900E-02	3.77900E-01
5.09500E-02	3.74700E-01
7.51000E-02	3.71900E-01
7.51000E-02	3.72000E-01
7.51000E-02	3.72100E-01
9.02700E-02	3.69800E-01

DYE, FABER $ KARL. JACS 82, 314 (1960)

MOLALITY

	TRANSFERENCE NUMBER
5.00000E-03	3.89000E-01
1.00000E-02	3.89000E-01
5.00000E-02	3.89000E-01
1.00000E-01	3.84000E-01
1.50000E-01	3.59000E-01
2.50000E-01	3.31000E-01
5.00000E-01	2.94000E-01

1.00000E+00	2.55000E-01
1.50000E+00	2.26000E-01
2.00000E+00	1.97000E-01

PURSER $ STOKES. J AM CHEM SOC 73, 5650 (1951)

CONCENTRATION

	DIFFUSION COEFFICIENT
1.08000E-03	7.47000E-06
1.39000E-03	7.39000E-06
1.92000E-03	7.33000E-06
2.56000E-03	7.28000E-06
2.60000E-03	7.31000E-06
2.63000E-03	7.32000E-06
3.08000E-03	7.21000E-06
4.39000E-03	7.14000E-06
4.71000E-03	7.07000E-06

HARNED $ HUDSON. JACS 73, 3781 (1951)

CONCENTRATION

	DIFFUSION COEFFICIENT
-0.	8.40000E-06
3.12500E-02	6.84000E-06
1.25000E-01	6.19000E-06
2.50000E-01	5.74000E-06

WALL $ WENDT. J PHYS CHEM 62, 1581 (1958)

MOLALITY

	GAMMA
1.00000E-04	9.07000E-01
5.00000E-04	8.03000E-01
1.00000E-03	7.34000E-01
2.00000E-03	6.50000E-01
5.00000E-03	5.19000E-01
1.00000E-02	4.21000E-01
2.00000E-02	3.24000E-01
5.00000E-02	2.20000E-01
8.00000E-02	1.76000E-01
1.00000E-01	1.61000E-01
2.00000E-01	1.13000E-01
3.00000E-01	9.10000E-02
5.00000E-01	6.90000E-02
8.00000E-01	5.34000E-02
1.00000E+00	4.77000E-02
1.50000E+00	4.05000E-02
2.00000E+00	3.85000E-02
2.50000E+00	4.00000E-02
3.00000E+00	4.45000E-02
3.50000E+00	5.18000E-02

BRAY. J AM CHEM SOC 49, 2372 (1927)

MOLALITY

	GAMMA
1.00000E-01	1.61000E-01
2.00000E-01	1.13000E-01
3.00000E-01	9.04000E-02
4.00000E-01	7.71000E-02
5.00000E-01	6.81000E-02
7.00000E-01	5.66000E-02

1.00000E+00	4.72000E-02
1.50000E+00	4.06000E-02
2.00000E+00	3.81000E-02
2.50000E+00	3.95000E-02
3.00000E+00	4.32000E-02
3.50000E+00	5.08000E-02

ROBINSON $ JONES. JACS 58, 959 (1936)

MOLALITY	GAMMA
5.12000E-02	2.02000E-01
1.50000E-01	1.23000E-01
5.10000E-01	6.31000E-02
1.50100E+00	3.72000E-02

KIELLAND. J AM CHEM SOC 58, 1855 (1936)

MOLALITY	GAMMA
4.97700E-03	7.34700E-01
1.24160E-02	3.85200E-01
4.77470E-02	1.96200E-01
1.24214E-01	1.22900E-01
2.48634E-01	8.11000E-02
4.97233E-01	5.68000E-02
4.97000E-03	6.81100E-01
1.24180E-02	4.04000E-01
4.97120E-02	1.84400E-01
1.24272E-01	1.31600E-01
2.48064E-01	8.35000E-02
4.97181E-01	6.11000E-02

ARVIA. REV FAC CIENC QUIM, UNIV NACL LA PLATA 27, 57 (1952)

MOLALITY	GAMMA
1.00000E-01	1.50000E-01
2.00000E-01	1.04000E-01
3.00000E-01	8.35000E-02
4.00000E-01	7.14000E-02
5.00000E-01	6.30000E-02
6.00000E-01	5.69000E-02
7.00000E-01	5.23000E-02
8.00000E-01	4.87000E-02
9.00000E-01	4.58000E-02
1.00000E+00	4.35000E-02
1.20000E+00	4.01000E-02
1.40000E+00	3.78000E-02
1.60000E+00	3.63000E-02
1.80000E+00	3.56000E-02
2.00000E+00	3.57000E-02
2.50000E+00	3.67000E-02
3.00000E+00	4.08000E-02
3.50000E+00	4.80000E-02

ROBINSON $ STOKES. ELECTROLYTE SOLUTIONS, 2ND ED (REV) (1959)

MOLALITY	GAMMA
6.12565E-02	1.86000E-01
6.84336E-02	1.75900E-01

7.74078E-02	1.65900E-01
8.93737E-02	1.53300E-01
1.05639E-01	1.40100E-01
1.29053E-01	1.25300E-01
1.65909E-01	1.11100E-01
2.32736E-01	9.45000E-02
3.88101E-01	7.08000E-02
4.65939E-01	6.28000E-02
6.99959E-01	4.93000E-02
9.34676E-01	4.29000E-02
1.17014E+00	3.89000E-02
1.00000E+00	4.22000E-02
1.40000E+00	3.68000E-02
1.60000E+00	3.61000E-02
1.80000E+00	3.40000E-02
2.00000E+00	3.41000E-02
2.50000E+00	3.62000E-02
3.00000E+00	3.81000E-02

MASAKI $ IKKATAI. BULL CHEM SOC JAPAN 7, 238 (1932)

ZINC SULFATE IN WATER AT 30 DEGREES C

TEMP	MS	MO	NU	NU+	NU-	Z+	Z-
30.000	161.430	18.015	2.0	1.0	1.0	2.0	-2.0

MOLALITY

	VISCOSITY
2.26600E-01	8.88800E-01
4.65200E-01	9.91000E-01
6.42800E-01	1.08600E+00
8.34700E-01	1.19100E+00
1.01600E+00	1.31700E+00
1.19000E+00	1.45200E+00
1.48000E+00	1.72200E+00
1.77000E+00	2.12200E+00
2.06000E+00	2.52000E+00
2.35000E+00	3.15200E+00
2.64000E+00	3.81100E+00
2.93000E+00	4.73900E+00
3.22000E+00	5.90200E+00
3.51000E+00	7.31800E+00
3.82300E+00	8.87600E+00

ALAMELU $ SURYANARAYANA. ACTA CHIM ACAD SCI HUNG 21, 333 (1959)

ZINC SULFATE IN WATER AT 35 DEGREES C

TEMP	MS	MO	NU	NU+	NU-	Z+	Z-
35.000	161.430	18.015	2.0	1.0	1.0	2.0	-2.0

MOLALITY

	VISCOSITY
2.26600E-01	7.94900E-01
4.65200E-01	8.84900E-01
6.42800E-01	9.63900E-01
8.34700E-01	1.05300E+00
1.01600E+00	1.13200E+00
1.19000E+00	1.23700E+00
1.48000E+00	1.45600E+00
1.77000E+00	1.69900E+00
2.06000E+00	2.08800E+00
2.35000E+00	2.51000E+00
2.64000E+00	3.12100E+00
2.93000E+00	3.83200E+00
3.22000E+00	4.73200E+00
3.51000E+00	5.85200E+00
4.10000E+00	8.66400E+00

ALAMELU $ SURYANARAYANA. ACTA CHIM ACAD SCI HUNG 21, 333 (1959)

ZINC SULFATE IN WATER AT 40 DEGREES C

TEMP	MS	MO	NU	NU+	NU-	Z+	Z-
40.000	161.430	18.015	2.0	1.0	1.0	2.0	-2.0

MOLALITY	VISCOSITY
2.26600E-01	7.18800E-01
4.65200E-01	7.93800E-01
6.42800E-01	8.59800E-01
8.34700E-01	9.34800E-01
1.01600E+00	1.02700E+00
1.19000E+00	1.11800E+00
1.48000E+00	1.29800E+00
1.77000E+00	1.49900E+00
2.06000E+00	1.82600E+00
2.35000E+00	2.18400E+00
2.64000E+00	2.68000E+00
2.93000E+00	3.27800E+00
3.22000E+00	4.01000E+00
3.51000E+00	4.92600E+00
4.34500E+00	8.56900E+00

ALAMELU $ SURYANARAYANA. ACTA CHIM ACAD SCI HUNG 21, 333 (1959)

ZINC SULFATE IN WATER AT 45 DEGREES C

TEMP	MS	MO	NU	NU+	NU-	Z+	Z-
45.000	161.430	18.015	2.0	1.0	1.0	2.0	-2.0

MOLALITY	VISCOSITY
2.26600E-01	6.11500E-01

4.65200E-01	7.16800E-01
6.42800E-01	7.74500E-01
8.34700E-01	8.38500E-01
1.01600E+00	9.06500E-01
1.19000E+00	9.90200E-01
1.48000E+00	1.14400E+00
1.77000E+00	1.30500E+00
2.06000E+00	1.57500E+00
2.35000E+00	1.87800E+00
2.64000E+00	2.27600E+00
2.93000E+00	2.75700E+00
3.22000E+00	3.37900E+00
3.51000E+00	4.09800E+00
4.53000E+00	8.03400E+00

ALAMELU $ SURYANARAYANA. ACTA CHIM ACAD SCI HUNG 21, 333 (1959)

ZINC SULFATE IN WATER AT 50 DEGREES C

TEMP	MS	MO	NU	NU+	NU-	Z+	Z-
50.000	161.430	18.015	2.0	1.0	1.0	2.0	-2.0

MOLALITY

	VISCOSITY
2.26600E-01	5.99500E-01
4.65200E-01	6.56600E-01
6.42800E-01	7.07100E-01
8.34700E-01	7.63000E-01
1.01600E+00	8.29600E-01
1.19000E+00	8.92800E-01
1.48000E+00	1.02600E+00
1.77000E+00	1.18600E+00
2.06000E+00	1.38700E+00
2.35000E+00	1.63900E+00
2.64000E+00	1.97200E+00
2.93000E+00	2.36000E+00
3.22000E+00	2.86900E+00
3.51000E+00	3.45700E+00
4.71100E+00	7.77500E+00

ALAMELU $ SURYANARAYANA. ACTA CHIM ACAD SCI HUNG 21, 333 (1959)

ZINC SULFATE IN WATER AT 55 DEGREES C

TEMP	MS	MO	NU	NU+	NU-	Z+	Z-
55.000	161.430	18.015	2.0	1.0	1.0	2.0	-2.0

MOLALITY

	VISCOSITY
2.26600E-01	5.48100E-01
4.65200E-01	5.98700E-01
6.42800E-01	6.43000E-01

8.34700E-01	6.90800E-01
1.01600E+00	7.48500E-01
1.19000E+00	8.03200E-01
1.48000E+00	9.14700E-01
1.77000E+00	1.04800E+00
2.06000E+00	1.21900E+00
2.35000E+00	1.39900E+00
2.64000E+00	1.68500E+00
2.93000E+00	2.02500E+00
3.22000E+00	2.44000E+00
3.51000E+00	2.92700E+00
4.97100E+00	7.46600E+00

ALAMELU $ SURYANARAYANA. ACTA CHIM ACAD SCI HUNG 21, 333 (1959)

ZINC SULFATE IN WATER AT 60 DEGREES C

TEMP	MS	MO	NU	NU+	NU-	Z+	Z-
60.000	161.430	18.015	2.0	1.0	1.0	2.0	-2.0

MOLALITY

	VISCOSITY
2.26600E-01	4.97900E-01
4.65200E-01	5.47300E-01
6.42800E-01	5.87600E-01
8.34700E-01	6.30100E-01
1.01600E+00	6.80800E-01
1.19000E+00	7.27400E-01
1.48000E+00	8.22600E-01
1.77000E+00	9.48900E-01
2.06000E+00	1.08300E+00
2.35000E+00	1.25300E+00
2.64000E+00	1.48500E+00
2.93000E+00	1.79300E+00
3.22000E+00	2.09200E+00
3.51000E+00	2.51700E+00
5.20700E+00	7.15200E+00

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