

**DIFFUSION COEFFICIENTS OF 301  
ELECTROLYTES IN AQUEOUS  
SOLUTIONS FROM ONSAGER-  
FUOSS AND PIKAL THEORIES**

by

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**Summary**

Diffusion coefficients in aqueous electrolyte solutions have been calculated according to Onsager-Fuoss and Pikal theories for over 301 electrolytes in aqueous solutions using the most reliable data.

**Key words:** diffusion coefficient, electrolyte, solution

The ever-increasing development of science and technology demands precise data concerning the fundamental thermodynamic and transport properties of ionic solutions. Many fields, such as corrosion, pollution, food technology, biochemical phenomena, rates of reactions, etc., which involve such solutions, have been moving towards a more scientific treatment. Accordingly, the relevant fundamental parameters need to be known over a wider scale.

Whereas a reasonable amount of data exist for density, viscosity, conductance, transport numbers and activity coefficients [1], data for diffusion coefficients even in aqueous solutions is very scarce due to the experimental difficulties in their measurement. Therefore, calculation of diffusion coefficients according to models

concerning the nature of the electrolyte solutions may provide a valuable estimation when no experimental data are available.

Table I presents diffusion coefficients of 301 electrolytes, cited in ref. [1], in aqueous solutions for concentrations from 0.000 to 1.000 mol dm<sup>-3</sup>, calculated according to Onsager-Fuoss and Pikal theories.

The Onsager-Fuoss equation [2] is expressed by

$$D = \left(1 + c \frac{d \ln y_{\pm}}{dc}\right) (D^0 + \Sigma \Delta_n) \quad (1)$$

where D is the mutual diffusion coefficient of the electrolyte, the first term in parenthesis is the activity factor,  $y_{\pm}$  is the mean molar activity coefficient, c is the concentration in mol dm<sup>-3</sup>, D<sup>0</sup> is the Nernst limiting value of the diffusion coefficient, and  $\Delta_n$  are the electrophoretic terms given by

$$\Delta_n = K_B T A_n \frac{(z_1^n t_2^0 + z_2^n t_1^0)^2}{a^n |z_1 z_2|} \quad (2)$$

where  $K_B$  is the Boltzmann's constant; T is the absolute temperature;  $A_n$  are functions of the dielectric constant, of the viscosity of the solvent, of the temperature, and of the dimensionless concentration-dependent quantity ( $\kappa a$ ), being  $\kappa$  the reciprocal of average radius of the ionic atmosphere;  $t_1^0$  and  $t_2^0$  are the limiting transport numbers of the cation and anion, respectively;  $z_1$  is the algebraic valency of a cation and  $z_2$  is the algebraic valency of an anion.

Since the expression for the electrophoretic effect has been derived on the basis of the expansion of the exponential Boltzmann function because that function had been consistent with the Poisson equation, we only would have to take into account the electrophoretic term of the first order ( $n = 1$ ). For symmetrical electrolytes we can consider the second term.

Thus, the experimental data  $D_{exp}$  can be compared with the calculated  $D_{OF}$  on the basis of eq. (3) and (4)

$$D = (D^0 + \Delta_1 + \Delta_2) \left(1 + c \frac{d \ln y_{\pm}}{dc}\right) \quad (3)$$

$$D = (D^0 + \Delta_1) \left(1 + c \frac{d \ln y_{\pm}}{dc}\right) \quad (4)$$

for symmetrical and non-symmetrical electrolytes, respectively.

The theory of mutual diffusion in binary electrolytes, developed by Pikal [3], includes the Onsager-Fuoss equation, but has new terms resulting from the application of the Boltzmann exponential function for the study of diffusion.

The electrophoretic correction appears now as the sum of two terms

$$\Delta v_j = \Delta v_j^L + \Delta v_j^S \quad (5)$$

where  $\Delta v_j^L$  represents the effect of electrostatic interactions of long-range, and  $\Delta v_j^S$  represents them as short-range.

Designating by  $M = 10^{12} L/c$  the solute thermodynamic

mobility, where  $L$  is the thermodynamic diffusion coefficient,  $\Delta M$  can be represented by the equation

$$\frac{1}{M} = \left(\frac{1}{M^0}\right) \left(1 - \frac{\Delta M}{M^0}\right) \quad (6)$$

where  $M^0$  is the value of  $M$  for infinite dilution, and

$$\Delta M = \Delta M^{OF} + \Delta M_1 + \Delta M_2 + \Delta M_A + \Delta M_{H1} + \Delta M_{H2} + \Delta M_{H3} \quad (7)$$

The first term on the right hand in equation (7),  $\Delta M^{OF}$ , represents the Onsager-Fuoss term for the effect of the concentration in the solute thermodynamic mobility,  $M$ ; the second term,  $\Delta M_1$ , is a consequence of the approximation applied on the ionic thermodynamic force; the other terms result from the Boltzmann exponential function.

The relation between the solute thermodynamic mobility and the mutual diffusion coefficient is given by

$$D = \frac{L}{c} 10^3 RTv \left(1 + c \frac{d \ln y_{\pm}}{d c}\right) \quad (8)$$

where  $R$  is the gas constant, and  $v$  is the number of ions formed upon complete ionization of one solute "molecule". From equations (6) and (8) we obtain a version of Pikal's equation more useful for estimating the mutual diffusion coefficients of electrolytes,  $D_{Pikal}$ :

$$D_{Pikal} = \frac{10^3 RTv}{\frac{1}{M^0} \left(1 - \frac{\Delta M}{M^0}\right)} \left(1 + c \frac{d \ln y_{\pm}}{d c}\right) \quad (9)$$

### References

- [1] V.M.M. Lobo, "Handbook of Electrolyte Solutions", Elsevier Sci. Publ., Amsterdam (1990).
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- [3] M.J. Pikal, J. Phys. Chem. 75, 663 (1971).

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TABLE I

Diffusion Coefficients calculated from Onsager-Fuoss, [ $D_{of} / (10^{-9} \text{ m}^2 \text{ s}^{-1})$ ], and Pikal [ $D_{pikal} / (10^{-9} \text{ m}^2 \text{ s}^{-1})$ ] from 0.000 to 1.000 mol dm<sup>-3</sup> assuming indicated  $\Lambda^0 / (\text{cm}^2 \Omega^{-1} \text{ eq}^{-1})$  and distances of closest approach  $a / 10^{-10} \text{ m}$ .

Electrolyte	AgClO <sub>3</sub>		AgClO <sub>4</sub>		AgF		AgNO <sub>2</sub>	
	$\Lambda^0=126.5$ $a=1.75$		$\Lambda^0=129.2$ $a=2.91$		$\Lambda^0=117.3$ $a=3.0$		$\Lambda^0=133.9$ $a=2.8$	
Conc.	Dof	Dpikal	Dof	Dpikal	Dof	Dpikal	Dof	Dpikal
0.000	1.683	1.683	1.717	1.717	1.556	1.557	1.772	1.772
0.001	1.657	1.656	1.690	1.689	1.533	1.532	1.745	1.743
0.002	1.647	1.647	1.681	1.679	1.524	1.523	1.735	1.733
0.003	1.640	1.640	1.675	1.672	1.519	1.517	1.728	1.726
0.004	1.635	1.635	1.669	1.667	1.514	1.512	1.723	1.720
0.005	1.630	1.630	1.664	1.662	1.510	1.507	1.718	1.715
0.006	1.626	1.626	1.660	1.658	1.506	1.504	1.713	1.711
0.007	1.622	1.623	1.657	1.654	1.503	1.500	1.710	1.707
0.008	1.621	1.620	1.653	1.651	1.500	1.498	1.706	1.703
0.009	1.618	1.617	1.651	1.648	1.498	1.495	1.703	1.700
0.010	1.616	1.614	1.648	1.645	1.495	1.492	1.700	1.697
0.020	1.595	1.595	1.629	1.625	1.479	1.474	1.680	1.676
0.030	1.582	1.582	1.618	1.611	1.469	1.462	1.668	1.661
0.040	1.572	1.572	1.610	1.601	1.463	1.453	1.660	1.651
0.050	1.564	1.564	1.605	1.592	1.458	1.445	1.654	1.642
0.060	1.559	1.557	1.601	1.585	1.455	1.438	1.649	1.634
0.070	1.554	1.550	1.599	1.578	1.453	1.432	1.646	1.627
0.080	1.550	1.544	1.596	1.572	1.451	1.426	1.644	1.620
0.090	1.547	1.531	1.594	1.566	1.449	1.420	1.642	1.614
0.100	1.545	1.526	1.592	1.560	1.448	1.415	1.640	1.609
0.200	1.541	1.479	1.592	1.508	1.450	1.361	1.637	1.557
0.300	1.543	1.435	1.606	1.450	1.463	1.301	1.652	1.502
0.400	1.553	1.389	1.621	1.385	1.478	1.269	1.666	1.439
0.500	1.568	1.342	1.639	1.355	1.495	1.199	1.684	1.370
0.600	1.585	1.293	1.659	1.281	1.513	1.124	1.704	1.341
0.700	1.605	1.244	1.680	1.205	1.533	1.046	1.725	1.267
0.800	1.629	1.195	1.701	1.127	1.553	0.970	1.747	1.191
0.900	1.648	1.145	1.724	1.051	1.574	0.896	1.770	1.115
1.000	1.668	1.097	1.747	0.977	1.595	0.825	1.793	1.041

Electrolyte	AgNO <sub>3</sub>		Ag <sub>2</sub> SO <sub>4</sub>		AlBr <sub>3</sub>		AlCl <sub>3</sub>	
	$\Lambda^0=133.32$ $a=2.45$		$\Lambda^0=141.7$ $a=6.3$		$\Lambda^0=141.4$ $a=6.0$		$\Lambda^0=139.3$ $a=6.0$	
Conc.	Dof	Dpikal	Dof	Dpikal	Dof	Dpikal	Dof	Dpikal
0.000	1.766	1.766	1.392	1.392	1.240	1.240	1.225	1.225
0.001	1.738	1.737	1.327	1.321	1.158	1.074	1.144	1.062
0.002	1.728	1.726	1.309	1.298	1.145	0.992	1.130	0.982
0.003	1.721	1.718	1.298	1.280	1.140	0.921	1.125	0.912
0.004	1.714	1.712	1.290	1.265	1.133	0.835	1.119	0.828
0.005	1.709	1.706	1.284	1.251	1.129	0.746	1.115	0.740
0.006	1.704	1.701	1.278	1.238	1.126	0.658	1.112	0.654
0.007	1.700	1.697	1.274	1.236	1.125	0.575	1.110	0.572
0.008	1.696	1.693	1.270	1.224	1.124	0.508	1.109	0.506
0.009	1.692	1.689	1.267	1.213	1.124	0.440	1.109	0.438
0.010	1.689	1.686	1.264	1.201	1.124	0.380	1.109	0.379
0.020	1.663	1.658	1.250	1.061	1.124	0.105	1.109	0.105
0.030	1.645	1.638	1.244	0.889	1.130	0.041	1.115	0.041
0.040	1.631	1.621	1.242	0.716	1.139	0.020	1.124	0.020
0.050	1.619	1.606	1.242	0.563	1.150	0.012	1.135	0.012
0.060	1.608	1.592	1.243	0.451	1.152	0.007	1.137	0.007
0.070	1.599	1.578	1.246	0.352	1.156	0.005	1.141	0.005
0.080	1.590	1.566	1.250	0.277	1.160	0.004	1.145	0.004
0.090	1.581	1.553	1.251	0.221	1.164	0.003	1.149	0.003
0.100	1.573	1.541	1.253	0.178	1.169	0.002	1.153	0.002
0.200	1.508	1.427	1.278	0.037	1.212	0.000	1.196	0.000
0.300	1.455	1.312	1.304	0.014	1.249	0.000	1.233	0.000
0.400	1.405	1.226	1.329	0.007	1.576	0.000	1.554	0.000
0.500	1.358	1.113	1.353	0.004	1.668	0.000	1.644	0.000
0.600	1.312	1.002	1.376	0.003	1.754	0.000	1.729	0.000
0.700	1.267	0.895	1.476	0.002	1.835	0.000	1.808	0.000
0.800	1.223	0.795	1.507	0.001	1.913	0.000	1.885	0.000
0.900	1.180	0.703	1.538	0.001	1.988	0.000	1.958	0.000
1.000	1.136	0.619	1.568	0.001	2.060	0.000	2.029	0.000

Electrolyte	Al(ClO <sub>4</sub> ) <sub>3</sub>		Al(NO <sub>3</sub> ) <sub>3</sub>		Al <sub>2</sub> (SO <sub>4</sub> ) <sub>3</sub>		BaBr <sub>2</sub>	
	Λ <sup>0</sup> =130.3 a=6.3		Λ <sup>0</sup> =134.42 a=6.0		Λ <sup>0</sup> =142.8 a=6.5		Λ <sup>0</sup> =142.1 a=4.0	
Conc.	Dof	Dpikal	Dof	Dpikal	Dof	Dpikal	Dof	Dpikal
0.000	1.155	1.155	1.188	1.188	0.781	0.781	1.403	1.404
0.001	1.077	1.006	1.109	1.033	0.719	0.655	1.341	1.322
0.002	1.065	0.939	1.095	0.957	0.711	0.532	1.322	1.295
0.003	1.058	0.864	1.090	0.891	0.709	0.397	1.310	1.275
0.004	1.052	0.783	1.084	0.810	0.711	0.295	1.301	1.257
0.005	1.048	0.699	1.080	0.726	0.709	0.215	1.293	1.242
0.006	1.046	0.625	1.077	0.643	0.709	0.158	1.288	1.227
0.007	1.045	0.546	1.075	0.564	0.709	0.119	1.283	1.215
0.008	1.044	0.474	1.074	0.499	0.710	0.091	1.279	1.202
0.009	1.044	0.410	1.074	0.433	0.711	0.072	1.275	1.189
0.010	1.046	0.354	1.074	0.376	0.712	0.057	1.272	1.176
0.020	1.043	0.097	1.074	0.105	0.724	0.011	1.252	1.062
0.030	1.049	0.038	1.079	0.041	0.729	0.004	1.242	0.919
0.040	1.062	0.019	1.088	0.020	0.735	0.002	1.238	0.768
0.050	1.064	0.011	1.098	0.012	0.741	0.001	1.239	0.630
0.060	1.067	0.007	1.100	0.007	0.747	0.001	1.236	0.511
0.070	1.071	0.005	1.104	0.005	0.752	0.001	1.235	0.421
0.080	1.075	0.003	1.107	0.004	0.758	0.000	1.235	0.341
0.090	1.079	0.002	1.112	0.003	0.762	0.000	1.236	0.277
0.100	1.083	0.002	1.116	0.002	0.767	0.000	1.238	0.227
0.200	1.124	0.000	1.157	0.000	1.059	0.000	1.271	0.050
0.300	1.158	0.000	1.193	0.000	1.176	0.000	1.292	0.019
0.400	1.447	0.000	1.499	0.000	1.277	0.000	1.316	0.009
0.500	1.527	0.000	1.586	0.000	1.367	0.000	1.342	0.005
0.600	1.602	0.000	1.666	0.000	1.451	0.000	1.367	0.003
0.700	1.672	0.000	1.743	0.000	1.531	0.000	1.392	0.002
0.800	1.740	0.000	1.816	0.000	1.606	0.000	1.417	0.002
0.900	1.805	0.000	1.886	0.000	1.679	0.000	1.441	0.001
1.000	1.868	0.000	1.954	0.000	1.750	0.000	1.465	0.001

Electrolyte	Ba(BrO <sub>3</sub> ) <sub>2</sub>		Ba(CHO <sub>2</sub> ) <sub>2</sub>		Ba(C <sub>2</sub> H <sub>3</sub> O <sub>2</sub> ) <sub>2</sub>		BaC <sub>2</sub> O <sub>4</sub>	
	Λ <sup>0</sup> =119.5 a=4.3		Λ <sup>0</sup> =118.8 a=4.3		Λ <sup>0</sup> =104.7 a=4.8		Λ <sup>0</sup> =112.5 a=3.5	
Conc.	Dof	Dpikal	Dof	Dpikal	Dof	Dpikal	Dof	Dpikal
0.000	1.188	1.188	1.180	1.180	0.996	0.996	0.736	0.736
0.001	1.135	1.125	1.127	1.118	0.951	0.948	0.629	0.723
0.002	1.119	1.104	1.111	1.097	0.937	0.933	0.597	0.675
0.003	1.108	1.089	1.101	1.082	0.929	0.921	0.578	0.681
0.004	1.101	1.076	1.093	1.069	0.922	0.912	0.565	0.687
0.005	1.095	1.064	1.087	1.058	0.917	0.900	0.556	0.692
0.006	1.090	1.054	1.082	1.047	0.914	0.892	0.550	0.695
0.007	1.086	1.044	1.079	1.037	0.910	0.884	0.546	0.696
0.008	1.083	1.040	1.075	1.034	0.908	0.877	0.544	0.695
0.009	1.080	1.031	1.072	1.025	0.906	0.870	0.543	0.692
0.010	1.077	1.022	1.070	1.016	0.903	0.862	0.544	0.687
0.020	1.060	0.917	1.053	0.912	0.889	0.792	0.591	0.500
0.030	1.052	0.802	1.045	0.798	0.884	0.698	0.681	0.437
0.040	1.050	0.693	1.042	0.690	0.882	0.595	0.800	0.389
0.050	1.049	0.574	1.042	0.572	0.880	0.494	0.942	0.389
0.060	1.048	0.469	1.040	0.468	0.880	0.405	1.087	0.369
0.070	1.047	0.381	1.040	0.380	0.880	0.335	1.244	0.351
0.080	1.048	0.310	1.041	0.310	0.881	0.273	1.408	0.335
0.090	1.049	0.253	1.042	0.253	0.882	0.223	1.580	0.321
0.100	1.051	0.208	1.043	0.209	0.884	0.184	1.759	0.308
0.200	1.076	0.047	1.069	0.047	0.903	0.041	3.794	0.245
0.300	1.095	0.018	1.088	0.018	0.920	0.016	5.898	0.182
0.400	1.117	0.009	1.109	0.009	0.938	0.008	8.081	0.150
0.500	1.139	0.005	1.131	0.005	0.956	0.005	10.313	0.120
0.600	1.160	0.003	1.152	0.003	0.973	0.003	12.577	0.099
0.700	1.181	0.002	1.173	0.002	0.990	0.002	14.866	0.084
0.800	1.202	0.002	1.193	0.002	1.007	0.001	17.174	0.072
0.900	1.222	0.001	1.214	0.001	1.023	0.001	19.497	0.063
1.000	1.242	0.001	1.233	0.001	1.039	0.001	21.833	0.057

Electrolyte	BaCl <sub>2</sub>		Ba(ClO <sub>3</sub> ) <sub>2</sub>		Ba(ClO <sub>4</sub> ) <sub>2</sub>		Ba <sub>2</sub> Fe(CN) <sub>6</sub>	
	Λ <sup>0</sup> =139.3 a=4.0		Λ <sup>0</sup> =127.6 a=4.3		Λ <sup>0</sup> =131.0 a=4.3		Λ <sup>0</sup> =171.8 a=4.5	
Conc.	Dof	Dpikal	Dof	Dpikal	Dof	Dpikal	Dof	Dpikal
0.000	1.385	1.385	1.274	1.274	1.307	1.307	0.800	0.800
0.001	1.324	1.307	1.217	1.204	1.249	1.235	0.727	0.792
0.002	1.306	1.280	1.200	1.180	1.231	1.210	0.720	-0.296
0.003	1.294	1.260	1.189	1.163	1.220	1.192	0.716	-0.232
0.004	1.285	1.243	1.181	1.148	1.212	1.177	0.711	-0.218
0.005	1.278	1.228	1.175	1.135	1.205	1.163	0.708	-0.999
0.006	1.273	1.213	1.170	1.123	1.200	1.150	0.706	-6.543
0.007	1.268	1.200	1.166	1.111	1.196	1.138	0.706	0.949
0.008	1.265	1.196	1.162	1.107	1.192	1.134	0.706	0.376
0.009	1.262	1.184	1.159	1.096	1.189	1.123	0.707	0.215
0.010	1.259	1.171	1.157	1.086	1.186	1.113	0.711	0.126
0.020	1.240	1.036	1.138	0.966	1.168	0.989	0.708	0.020
0.030	1.233	0.889	1.131	0.835	1.160	0.855	0.717	0.007
0.040	1.231	0.752	1.128	0.713	1.157	0.729	0.735	0.004
0.050	1.231	0.609	1.128	0.583	1.156	0.595	0.736	0.002
0.060	1.231	0.488	1.126	0.470	1.155	0.480	0.739	0.001
0.070	1.231	0.389	1.126	0.378	1.154	0.386	0.743	0.001
0.080	1.233	0.312	1.126	0.305	1.155	0.311	0.747	0.001
0.090	1.235	0.253	1.128	0.247	1.156	0.252	0.752	0.000
0.100	1.238	0.206	1.130	0.203	1.158	0.206	0.757	0.000
0.200	1.279	0.045	1.157	0.044	1.186	0.045	0.802	0.000
0.300	1.312	0.017	1.178	0.017	1.208	0.017	0.840	0.000
0.400	1.347	0.008	1.201	0.008	1.232	0.008	1.334	0.000
0.500	1.382	0.005	1.225	0.005	1.256	0.005	1.462	0.000
0.600	1.417	0.003	1.248	0.003	1.279	0.003	1.582	0.000
0.700	1.452	0.002	1.270	0.002	1.302	0.002	1.696	0.000
0.800	1.486	0.002	1.293	0.002	1.325	0.002	1.805	0.000
0.900	1.519	0.001	1.315	0.001	1.348	0.001	1.910	0.000
1.000	1.553	0.001	1.336	0.001	1.370	0.001	2.013	0.000

Electrolyte	BaI <sub>2</sub>		Ba(IO <sub>3</sub> ) <sub>2</sub>		Ba(NO <sub>2</sub> ) <sub>2</sub>		Ba(NO <sub>3</sub> ) <sub>2</sub>	
	Λ <sup>0</sup> =140.6 a=4.0		Λ <sup>0</sup> =104.7 a=4.6		Λ <sup>0</sup> =135.7 a=4.0		Λ <sup>0</sup> =135.12 a=4.0	
Conc.	Dof	Dpikal	Dof	Dpikal	Dof	Dpikal	Dof	Dpikal
0.000	1.391	1.391	0.996	0.996	1.350	1.350	1.344	1.345
0.001	1.330	1.311	0.951	0.947	1.290	1.273	1.285	1.268
0.002	1.311	1.285	0.937	0.931	1.272	1.248	1.267	1.243
0.003	1.298	1.264	0.928	0.921	1.260	1.229	1.255	1.224
0.004	1.289	1.247	0.922	0.912	1.251	1.212	1.246	1.208
0.005	1.282	1.232	0.917	0.904	1.244	1.198	1.239	1.194
0.006	1.276	1.218	0.913	0.897	1.238	1.185	1.233	1.181
0.007	1.272	1.205	0.909	0.889	1.233	1.173	1.229	1.169
0.008	1.268	1.192	0.907	0.882	1.230	1.161	1.225	1.157
0.009	1.264	1.180	0.904	0.870	1.226	1.149	1.222	1.145
0.010	1.261	1.167	0.903	0.863	1.223	1.137	1.219	1.133
0.020	1.241	1.055	0.887	0.786	1.204	1.030	1.199	1.027
0.030	1.231	0.914	0.882	0.706	1.194	0.896	1.189	0.894
0.040	1.227	0.764	0.880	0.607	1.190	0.752	1.185	0.751
0.050	1.228	0.628	0.878	0.509	1.191	0.621	1.187	0.620
0.060	1.226	0.510	0.877	0.420	1.189	0.506	1.184	0.506
0.070	1.225	0.421	0.877	0.345	1.188	0.419	1.183	0.419
0.080	1.225	0.340	0.878	0.283	1.188	0.340	1.183	0.340
0.090	1.225	0.277	0.879	0.236	1.188	0.277	1.184	0.277
0.100	1.227	0.227	0.880	0.196	1.190	0.228	1.185	0.228
0.200	1.259	0.050	0.900	0.045	1.221	0.050	1.217	0.050
0.300	1.280	0.019	0.916	0.017	1.242	0.019	1.237	0.019
0.400	1.305	0.009	0.934	0.009	1.265	0.010	1.261	0.010
0.500	1.330	0.005	0.952	0.005	1.290	0.006	1.285	0.006
0.600	1.355	0.004	0.970	0.003	1.314	0.004	1.309	0.004
0.700	1.380	0.002	0.987	0.002	1.339	0.002	1.333	0.002
0.800	1.405	0.002	1.004	0.002	1.362	0.002	1.357	0.002
0.900	1.429	0.001	1.020	0.001	1.386	0.001	1.381	0.001
1.000	1.453	0.001	1.036	0.001	1.409	0.001	1.404	0.001

Electrolyte	Ba(OH) <sub>2</sub>		Ba(SCN) <sub>2</sub>		BaS <sub>2</sub> O <sub>3</sub>		BeCl <sub>2</sub>	
	Λ <sup>0</sup> =261.3 a=4.3		Λ <sup>0</sup> =130.2 a=4.3		Λ <sup>0</sup> =151.1 a=4.5		Λ <sup>0</sup> =121.3 a=5.5	
Conc.	Dof	Dpikal	Dof	Dpikal	Dof	Dpikal	Dof	Dpikal
0.000	1.923	1.924	1.299	1.299	0.981	0.981	1.130	1.130
0.001	1.836	1.789	1.242	1.228	0.833	0.849	1.084	1.058
0.002	1.809	1.740	1.224	1.204	0.789	0.812	1.072	1.032
0.003	1.792	1.704	1.213	1.186	0.761	0.766	1.064	1.017
0.004	1.780	1.673	1.205	1.171	0.741	0.744	1.059	1.000
0.005	1.770	1.645	1.198	1.157	0.728	0.725	1.056	0.985
0.006	1.762	1.619	1.193	1.144	0.718	0.709	1.053	0.970
0.007	1.756	1.594	1.189	1.132	0.712	0.695	1.052	0.955
0.008	1.751	1.586	1.185	1.128	0.707	0.683	1.049	0.940
0.009	1.746	1.564	1.182	1.118	0.704	0.672	1.047	0.925
0.010	1.743	1.542	1.180	1.107	0.703	0.662	1.045	0.910
0.020	1.714	1.311	1.161	0.985	0.749	0.608	1.037	0.733
0.030	1.702	1.071	1.153	0.852	0.859	0.585	1.037	0.561
0.040	1.698	0.864	1.150	0.727	0.997	0.566	1.035	0.402
0.050	1.697	0.667	1.149	0.594	1.156	0.546	1.036	0.286
0.060	1.694	0.513	1.148	0.479	1.332	0.524	1.037	0.207
0.070	1.693	0.397	1.147	0.385	1.520	0.501	1.040	0.153
0.080	1.693	0.310	1.148	0.311	1.719	0.524	1.042	0.116
0.090	1.695	0.246	1.149	0.252	1.926	0.498	1.045	0.089
0.100	1.697	0.198	1.151	0.207	2.140	0.473	1.049	0.070
0.200	1.737	0.040	1.179	0.045	4.475	0.288	1.070	0.013
0.300	1.765	0.015	1.201	0.017	6.996	0.202	1.091	0.005
0.400	1.797	0.007	1.224	0.008	9.623	0.148	1.112	0.002
0.500	1.830	0.004	1.248	0.005	12.318	0.115	1.133	0.001
0.600	1.863	0.003	1.272	0.003	15.060	0.093	1.152	0.001
0.700	1.895	0.002	1.295	0.002	17.837	0.078	1.172	0.001
0.800	1.927	0.001	1.317	0.002	20.643	0.066	1.190	0.000
0.900	1.959	0.001	1.340	0.001	23.472	0.057	1.209	0.000
1.000	1.990	0.001	1.362	0.001	26.319	0.050	1.401	0.000

Electrolyte	Be(NO <sub>3</sub> ) <sub>2</sub>		BeSO <sub>4</sub>		BeSeO <sub>4</sub>		CaBr <sub>2</sub>	
	Λ <sup>0</sup> =116.42 a=5.5		Λ <sup>0</sup> =124.8 a=6.0		Λ <sup>0</sup> =120.7 a=6.0		Λ <sup>0</sup> =137.9 a=4.5	
Conc.	Dof	Dpikal	Dof	Dpikal	Dof	Dpikal	Dof	Dpikal
0.000	1.102	1.103	0.766	0.766	0.751	0.751	1.351	1.351
0.001	1.057	1.033	0.652	0.647	0.639	0.636	1.292	1.272
0.002	1.045	1.008	0.617	0.608	0.605	0.598	1.274	1.245
0.003	1.038	0.994	0.595	0.581	0.584	0.571	1.263	1.224
0.004	1.033	0.978	0.580	0.558	0.569	0.549	1.255	1.212
0.005	1.030	0.964	0.569	0.540	0.558	0.531	1.249	1.197
0.006	1.027	0.950	0.560	0.524	0.550	0.515	1.244	1.183
0.007	1.026	0.935	0.554	0.509	0.544	0.501	1.240	1.170
0.008	1.023	0.921	0.550	0.496	0.540	0.488	1.237	1.157
0.009	1.021	0.907	0.547	0.490	0.537	0.482	1.234	1.144
0.010	1.019	0.892	0.546	0.480	0.536	0.473	1.232	1.130
0.020	1.012	0.722	0.581	0.406	0.570	0.401	1.214	0.983
0.030	1.011	0.555	0.659	0.348	0.648	0.346	1.207	0.840
0.040	1.010	0.400	0.764	0.298	0.750	0.299	1.207	0.679
0.050	1.011	0.286	0.886	0.256	0.870	0.259	1.204	0.536
0.060	1.012	0.207	1.020	0.233	1.002	0.238	1.204	0.420
0.070	1.015	0.153	1.165	0.202	1.145	0.208	1.204	0.329
0.080	1.017	0.116	1.312	0.178	1.289	0.184	1.205	0.260
0.090	1.020	0.090	1.465	0.157	1.439	0.164	1.207	0.208
0.100	1.023	0.071	1.623	0.141	1.594	0.147	1.209	0.168
0.200	1.044	0.014	3.364	0.063	3.304	0.067	1.239	0.035
0.300	1.065	0.005	5.264	0.038	5.170	0.041	1.262	0.013
0.400	1.086	0.002	7.244	0.027	7.115	0.029	1.286	0.006
0.500	1.106	0.001	9.277	0.020	9.111	0.022	1.311	0.004
0.600	1.125	0.001	13.150	0.016	12.947	0.017	1.336	0.002
0.700	1.144	0.001	15.847	0.013	15.607	0.014	1.359	0.002
0.800	1.162	0.000	18.630	0.011	18.352	0.012	1.383	0.001
0.900	1.180	0.000	21.492	0.009	21.175	0.010	1.406	0.001
1.000	1.367	0.000	24.425	0.008	24.069	0.009	1.428	0.001

Electrolyte	Ca(C <sub>2</sub> H <sub>3</sub> O <sub>2</sub> ) <sub>2</sub>		CaC <sub>2</sub> O <sub>4</sub>		CaCl <sub>2</sub>		Ca(ClO <sub>3</sub> ) <sub>2</sub>	
	Λ <sup>0</sup> =100.5 a=5.3		Λ <sup>0</sup> =108.3 a=5.3		Λ <sup>0</sup> =135.8 a=4.9		Λ <sup>0</sup> =124.1 a=4.8	
Conc.	Dof	Dpikal	Dof	Dpikal	Dof	Dpikal	Dof	Dpikal
0.000	0.969	0.969	0.714	0.714	1.335	1.261	1.237	1.237
0.001	0.926	0.921	0.605	0.614	1.278	1.261	1.183	1.170
0.002	0.914	0.905	0.573	0.582	1.262	1.235	1.167	1.147
0.003	0.906	0.894	0.553	0.558	1.251	1.217	1.157	1.131
0.004	0.901	0.884	0.539	0.531	1.244	1.197	1.150	1.117
0.005	0.896	0.879	0.529	0.515	1.239	1.182	1.144	1.100
0.006	0.893	0.871	0.522	0.500	1.235	1.168	1.140	1.087
0.007	0.891	0.863	0.516	0.487	1.231	1.155	1.137	1.075
0.008	0.888	0.856	0.512	0.476	1.230	1.141	1.134	1.064
0.009	0.886	0.848	0.510	0.465	1.226	1.128	1.132	1.052
0.010	0.884	0.841	0.509	0.456	1.224	1.115	1.129	1.040
0.020	0.872	0.752	0.542	0.388	1.211	0.982	1.113	0.926
0.030	0.870	0.642	0.617	0.377	1.210	0.811	1.108	0.778
0.040	0.867	0.536	0.715	0.350	1.211	0.643	1.107	0.628
0.050	0.867	0.429	0.828	0.325	1.213	0.498	1.106	0.494
0.060	0.867	0.339	0.954	0.302	1.217	0.391	1.105	0.386
0.070	0.868	0.268	1.088	0.282	1.221	0.302	1.106	0.307
0.080	0.870	0.214	1.229	0.263	1.226	0.236	1.108	0.242
0.090	0.872	0.172	1.380	0.246	1.232	0.187	1.110	0.193
0.100	0.874	0.139	1.527	0.231	1.238	0.151	1.112	0.156
0.200	0.892	0.030	3.147	0.144	1.297	0.031	1.138	0.032
0.300	0.910	0.011	4.908	0.098	1.353	0.012	1.160	0.012
0.400	0.927	0.006	6.740	0.074	1.410	0.006	1.183	0.006
0.500	0.945	0.003	8.617	0.058	1.467	0.004	1.206	0.003
0.600	0.962	0.002	10.525	0.049	1.522	0.002	1.228	0.002
0.700	0.978	0.001	12.456	0.041	1.578	0.002	1.250	0.002
0.800	0.994	0.001	17.679	0.035	1.632	0.001	1.271	0.001
0.900	1.010	0.001	20.441	0.031	1.686	0.001	1.292	0.001
1.000	1.130	0.001	23.280	0.028	1.740	0.001	1.312	0.001

Electrolyte	Ca(ClO <sub>4</sub> ) <sub>2</sub>		Ca <sub>3</sub> [Fe(CN) <sub>6</sub> ] <sub>2</sub>		CaI <sub>2</sub>		Ca(NO <sub>2</sub> ) <sub>2</sub>	
	Λ <sup>0</sup> =126.8 a=4.8		Λ <sup>0</sup> =158.4 a=5.0		Λ <sup>0</sup> =136.4 a=4.5		Λ <sup>0</sup> =131.5 a=4.5	
Conc.	Dof	Dpikal	Dof	Dpikal	Dof	Dpikal	Dof	Dpikal
0.000	1.261	1.261	0.824	0.824	1.339	1.340	1.301	1.301
0.001	1.206	1.192	0.737	0.966	1.281	1.262	1.244	1.227
0.002	1.190	1.169	0.724	0.719	1.264	1.235	1.227	1.201
0.003	1.180	1.152	0.715	0.525	1.253	1.214	1.217	1.182
0.004	1.173	1.137	0.710	0.448	1.245	1.202	1.209	1.170
0.005	1.167	1.120	0.707	0.369	1.239	1.188	1.203	1.157
0.006	1.163	1.107	0.706	0.306	1.234	1.174	1.198	1.144
0.007	1.159	1.094	0.707	0.268	1.230	1.161	1.194	1.131
0.008	1.156	1.082	0.705	0.233	1.226	1.148	1.191	1.119
0.009	1.154	1.070	0.703	0.200	1.224	1.135	1.188	1.107
0.010	1.151	1.058	0.702	0.174	1.222	1.122	1.187	1.095
0.020	1.135	0.940	0.706	0.056	1.204	0.977	1.169	0.956
0.030	1.130	0.787	0.717	0.026	1.197	0.836	1.162	0.822
0.040	1.129	0.633	0.720	0.014	1.197	0.677	1.162	0.668
0.050	1.127	0.497	0.725	0.008	1.194	0.535	1.160	0.530
0.060	1.127	0.387	0.730	0.005	1.194	0.419	1.159	0.417
0.070	1.128	0.308	0.735	0.004	1.194	0.329	1.159	0.328
0.080	1.130	0.242	0.740	0.003	1.195	0.260	1.161	0.260
0.090	1.132	0.193	0.746	0.002	1.197	0.208	1.162	0.209
0.100	1.134	0.155	0.751	0.002	1.199	0.168	1.165	0.169
0.200	1.160	0.032	0.792	0.000	1.228	0.035	1.193	0.036
0.300	1.183	0.012	1.110	0.000	1.251	0.013	1.215	0.013
0.400	1.207	0.006	1.210	0.000	1.276	0.007	1.239	0.007
0.500	1.230	0.003	1.302	0.000	1.300	0.004	1.263	0.004
0.600	1.252	0.002	1.386	0.000	1.325	0.002	1.287	0.002
0.700	1.275	0.002	1.466	0.000	1.348	0.002	1.310	0.002
0.800	1.296	0.001	1.543	0.000	1.371	0.001	1.332	0.001
0.900	1.317	0.001	1.616	0.000	1.394	0.001	1.354	0.001
1.000	1.338	0.001	1.687	0.000	1.417	0.001	1.376	0.001



Electrolyte	Ca(NO <sub>3</sub> ) <sub>2</sub>		Ca(OH) <sub>2</sub>		Ca(SCN) <sub>2</sub>		CaSO <sub>4</sub>	
	Λ <sup>0</sup> =130.92 a=4.5		Λ <sup>0</sup> =257.1 a=4.8		Λ <sup>0</sup> =126.0 a=4.8		Λ <sup>0</sup> =139.3 a=5.0	
Conc.	Dof	Dpikal	Dof	Dpikal	Dof	Dpikal	Dof	Dpikal
0.000	1.296	1.296	1.826	1.826	1.254	1.254	0.907	0.908
0.001	1.240	1.223	1.743	1.698	1.199	1.186	0.771	0.776
0.002	1.223	1.197	1.719	1.652	1.183	1.163	0.729	0.735
0.003	1.212	1.178	1.704	1.618	1.173	1.146	0.703	0.706
0.004	1.204	1.166	1.693	1.589	1.166	1.131	0.685	0.684
0.005	1.198	1.153	1.685	1.559	1.160	1.114	0.673	0.665
0.006	1.194	1.140	1.678	1.534	1.156	1.101	0.664	0.648
0.007	1.190	1.128	1.673	1.510	1.152	1.089	0.657	0.627
0.008	1.187	1.115	1.669	1.486	1.150	1.077	0.652	0.616
0.009	1.184	1.103	1.666	1.463	1.148	1.065	0.649	0.605
0.010	1.182	1.091	1.662	1.440	1.145	1.053	0.648	0.596
0.020	1.164	0.954	1.637	1.217	1.129	0.936	0.690	0.536
0.030	1.158	0.820	1.629	0.957	1.124	0.784	0.787	0.502
0.040	1.158	0.667	1.627	0.723	1.123	0.631	0.913	0.511
0.050	1.156	0.530	1.624	0.538	1.121	0.496	1.058	0.488
0.060	1.155	0.417	1.623	0.402	1.121	0.387	1.219	0.462
0.070	1.155	0.328	1.624	0.308	1.122	0.308	1.390	0.436
0.080	1.156	0.260	1.626	0.237	1.123	0.242	1.572	0.410
0.090	1.158	0.209	1.628	0.185	1.126	0.193	1.761	0.386
0.100	1.160	0.169	1.631	0.147	1.128	0.155	1.961	0.363
0.200	1.189	0.036	1.665	0.029	1.154	0.032	4.060	0.220
0.300	1.211	0.013	1.694	0.011	1.176	0.012	6.348	0.147
0.400	1.235	0.007	1.726	0.005	1.200	0.006	8.733	0.108
0.500	1.258	0.004	1.757	0.003	1.223	0.003	11.180	0.084
0.600	1.282	0.002	1.788	0.002	1.245	0.002	13.669	0.068
0.700	1.305	0.002	1.819	0.001	1.267	0.002	16.192	0.057
0.800	1.327	0.001	1.848	0.001	1.289	0.001	18.739	0.049
0.900	1.349	0.001	1.878	0.001	1.310	0.001	25.495	0.042
1.000	1.371	0.001	1.906	0.001	1.330	0.001	28.982	0.037

Electrolyte	CaS <sub>2</sub> O <sub>3</sub>		CdBr <sub>2</sub>		CdCl <sub>2</sub>		Cd(ClO <sub>3</sub> ) <sub>2</sub>	
	Λ <sup>0</sup> =164.9 a=5.0		Λ <sup>0</sup> =132.4 a=4.0		Λ <sup>0</sup> =130.3 a=4.0		Λ <sup>0</sup> =118.6 a=4.3	
Conc.	Dof	Dpikal	Dof	Dpikal	Dof	Dpikal	Dof	Dpikal
0.000	0.942	0.943	1.277	1.277	1.263	1.263	1.237	1.237
0.001	0.800	0.804	1.223	1.198	1.209	1.186	1.183	1.170
0.002	0.757	0.761	1.207	1.173	1.193	1.160	1.167	1.147
0.003	0.730	0.731	1.196	1.152	1.183	1.140	1.157	1.131
0.004	0.711	0.707	1.189	1.135	1.175	1.123	1.150	1.117
0.005	0.698	0.688	1.183	1.119	1.170	1.108	1.144	1.100
0.006	0.689	0.671	1.178	1.104	1.165	1.094	1.140	1.087
0.007	0.682	0.650	1.174	1.091	1.161	1.080	1.137	1.075
0.008	0.676	0.638	1.171	1.077	1.158	1.067	1.134	1.064
0.009	0.673	0.627	1.169	1.064	1.156	1.054	1.132	1.052
0.010	0.672	0.617	1.167	1.051	1.154	1.041	1.129	1.040
0.020	0.715	0.556	1.151	0.930	1.139	0.923	1.113	0.926
0.030	0.816	0.519	1.144	0.782	1.132	0.777	1.108	0.778
0.040	0.946	0.523	1.142	0.633	1.129	0.630	1.107	0.628
0.050	1.096	0.495	1.145	0.505	1.132	0.503	1.106	0.494
0.060	1.263	0.464	1.143	0.399	1.130	0.399	1.105	0.386
0.070	1.441	0.434	1.143	0.322	1.130	0.322	1.106	0.307
0.080	1.628	0.404	1.143	0.256	1.130	0.256	1.108	0.242
0.090	1.824	0.377	1.144	0.206	1.132	0.206	1.110	0.193
0.100	2.031	0.351	1.146	0.167	1.133	0.167	1.112	0.156
0.200	4.207	0.200	1.180	0.035	1.167	0.035	1.138	0.032
0.300	6.580	0.129	1.199	0.013	1.186	0.013	1.160	0.012
0.400	9.053	0.093	1.221	0.007	1.208	0.007	1.183	0.006
0.500	11.591	0.071	1.245	0.004	1.231	0.004	1.206	0.003
0.600	14.173	0.057	1.268	0.002	1.254	0.002	1.228	0.002
0.700	16.790	0.047	1.291	0.002	1.277	0.002	1.250	0.002
0.800	19.433	0.040	1.314	0.001	1.300	0.001	1.271	0.001
0.900	26.286	0.034	1.336	0.001	1.322	0.001	1.292	0.001
1.000	29.870	0.030	1.359	0.001	1.344	0.001	1.312	0.001

Electrolyte	Cd(ClO <sub>4</sub> ) <sub>2</sub>		CdI <sub>2</sub>		Cd(NO <sub>2</sub> ) <sub>2</sub>		Cd(NO <sub>3</sub> ) <sub>2</sub>	
	Λ <sup>0</sup> =121.3 a=4.3		Λ <sup>0</sup> =130.9 a=4.0		Λ <sup>0</sup> =126.0 a=4.0		Λ <sup>0</sup> =125.42 a=4.0	
Conc.	Dof	Dpikal	Dof	Dpikal	Dof	Dpikal	Dof	Dpikal
0.000	1.196	1.197	1.267	1.267	1.232	1.232	1.228	1.228
0.001	1.146	1.127	1.213	1.189	1.180	1.158	1.176	1.154
0.002	1.131	1.103	1.197	1.164	1.164	1.134	1.160	1.130
0.003	1.121	1.085	1.187	1.144	1.154	1.115	1.150	1.111
0.004	1.114	1.070	1.179	1.127	1.147	1.099	1.143	1.095
0.005	1.109	1.055	1.174	1.111	1.142	1.084	1.138	1.081
0.006	1.105	1.042	1.169	1.097	1.137	1.070	1.133	1.067
0.007	1.101	1.030	1.165	1.083	1.133	1.058	1.129	1.055
0.008	1.099	1.026	1.162	1.070	1.130	1.045	1.127	1.042
0.009	1.096	1.014	1.160	1.057	1.128	1.033	1.124	1.030
0.010	1.095	1.003	1.157	1.044	1.126	1.020	1.122	1.017
0.020	1.080	0.871	1.142	0.925	1.111	0.907	1.107	0.905
0.030	1.074	0.730	1.135	0.779	1.104	0.767	1.100	0.765
0.040	1.073	0.604	1.133	0.631	1.102	0.624	1.098	0.623
0.050	1.074	0.478	1.136	0.504	1.105	0.500	1.101	0.499
0.060	1.073	0.375	1.134	0.399	1.103	0.397	1.099	0.397
0.070	1.073	0.295	1.134	0.322	1.103	0.322	1.099	0.322
0.080	1.074	0.233	1.134	0.256	1.103	0.256	1.099	0.256
0.090	1.076	0.187	1.135	0.206	1.104	0.206	1.100	0.206
0.100	1.078	0.151	1.137	0.167	1.106	0.168	1.102	0.168
0.200	1.107	0.032	1.171	0.035	1.139	0.036	1.135	0.036
0.300	1.126	0.012	1.190	0.013	1.157	0.013	1.153	0.013
0.400	1.148	0.006	1.212	0.007	1.179	0.007	1.175	0.007
0.500	1.170	0.003	1.235	0.004	1.202	0.004	1.197	0.004
0.600	1.192	0.002	1.258	0.002	1.224	0.002	1.220	0.002
0.700	1.214	0.002	1.281	0.002	1.246	0.002	1.242	0.002
0.800	1.235	0.001	1.304	0.001	1.269	0.001	1.264	0.001
0.900	1.256	0.001	1.326	0.001	1.290	0.001	1.286	0.001
1.000	1.276	0.001	1.348	0.001	1.312	0.001	1.307	0.001

Electrolyte	CdSO <sub>4</sub>		CdSeO <sub>4</sub>		CeCl <sub>3</sub>		Ce(NO <sub>3</sub> ) <sub>3</sub>	
	Λ <sup>0</sup> =133.8 a=3.6		Λ <sup>0</sup> =129.7 a=4.5		Λ <sup>0</sup> =143.3 a=6.0		Λ <sup>0</sup> =138.42 a=6.0	
Conc.	Dof	Dpikal	Dof	Dpikal	Dof	Dpikal	Dof	Dpikal
0.000	0.857	0.857	0.839	0.839	1.266	1.266	1.227	1.227
0.001	0.734	0.772	0.715	0.731	1.179	1.103	1.142	1.072
0.002	0.697	0.764	0.678	0.701	1.164	1.025	1.127	0.997
0.003	0.674	0.764	0.655	0.660	1.157	0.956	1.120	0.932
0.004	0.659	0.765	0.639	0.641	1.150	0.873	1.113	0.853
0.005	0.648	0.766	0.628	0.625	1.145	0.786	1.108	0.770
0.006	0.641	0.767	0.620	0.611	1.142	0.699	1.105	0.687
0.007	0.636	0.766	0.615	0.598	1.140	0.616	1.102	0.606
0.008	0.634	0.765	0.612	0.587	1.138	0.547	1.101	0.540
0.009	0.633	0.661	0.609	0.577	1.138	0.477	1.100	0.471
0.010	0.634	0.654	0.608	0.567	1.137	0.415	1.100	0.411
0.020	0.685	0.594	0.651	0.510	1.136	0.118	1.098	0.118
0.030	0.790	0.539	0.749	0.479	1.141	0.046	1.103	0.046
0.040	0.927	0.516	0.869	0.454	1.149	0.023	1.111	0.023
0.050	1.087	0.491	1.009	0.429	1.160	0.013	1.121	0.013
0.060	1.255	0.467	1.163	0.406	1.162	0.008	1.123	0.008
0.070	1.436	0.444	1.328	0.383	1.166	0.006	1.127	0.006
0.080	1.627	0.423	1.503	0.397	1.170	0.004	1.131	0.004
0.090	1.826	0.403	1.685	0.373	1.174	0.003	1.135	0.003
0.100	2.032	0.384	1.873	0.351	1.179	0.002	1.139	0.002
0.200	4.367	0.273	3.919	0.205	1.223	0.000	1.182	0.000
0.300	6.821	0.199	6.126	0.141	1.261	0.000	1.219	0.000
0.400	9.376	0.146	8.425	0.103	1.570	0.000	1.513	0.000
0.500	11.996	0.113	10.783	0.080	1.658	0.000	1.597	0.000
0.600	14.660	0.091	13.182	0.064	1.740	0.000	1.676	0.000
0.700	17.357	0.076	15.612	0.053	1.818	0.000	1.751	0.000
0.800	20.081	0.064	18.066	0.045	1.893	0.000	1.822	0.000
0.900	22.826	0.056	20.541	0.039	1.965	0.000	1.891	0.000
1.000	25.589	0.049	23.031	0.034	2.034	0.000	1.957	0.000

Electrolyte	Ce(SO <sub>4</sub> ) <sub>2</sub>		CoBr <sub>2</sub>		Co(C <sub>2</sub> H <sub>3</sub> O <sub>2</sub> ) <sub>2</sub>		CoCl <sub>2</sub>	
	Λ <sup>0</sup> =146.8 a=7.5		Λ <sup>0</sup> =132.4 a=4.5		Λ <sup>0</sup> =95.0 a=5.3		Λ <sup>0</sup> =130.3 a=4.5	
Conc.	Dof	Dpikal	Dof	Dpikal	Dof	Dpikal	Dof	Dpikal
0.000	0.727	0.727	1.277	1.277	0.931	0.931	1.263	1.263
0.001	0.782	0.633	1.222	1.200	0.890	0.884	1.209	1.187
0.002	0.802	0.389	1.207	1.173	0.879	0.868	1.193	1.160
0.003	0.818	0.227	1.197	1.152	0.872	0.856	1.183	1.140
0.004	0.831	0.136	1.189	1.140	0.867	0.846	1.176	1.128
0.005	0.836	0.087	1.184	1.125	0.863	0.841	1.171	1.114
0.006	0.841	0.058	1.180	1.111	0.860	0.833	1.167	1.100
0.007	0.846	0.041	1.176	1.097	0.859	0.826	1.163	1.086
0.008	0.850	0.030	1.173	1.084	0.856	0.818	1.160	1.073
0.009	0.854	0.023	1.171	1.070	0.854	0.810	1.158	1.060
0.010	0.858	0.018	1.170	1.057	0.852	0.802	1.157	1.047
0.020	0.876	0.003	1.154	0.905	0.842	0.707	1.141	0.898
0.030	0.876	0.001	1.148	0.760	0.841	0.591	1.136	0.755
0.040	0.877	0.001	1.150	0.602	0.839	0.482	1.137	0.599
0.050	0.878	0.000	1.147	0.466	0.838	0.377	1.135	0.465
0.060	0.880	0.000	1.147	0.360	0.839	0.293	1.134	0.359
0.070	0.881	0.000	1.147	0.279	0.840	0.228	1.135	0.279
0.080	0.883	0.000	1.149	0.218	0.842	0.179	1.136	0.219
0.090	0.884	0.000	1.151	0.173	0.844	0.143	1.138	0.174
0.100	0.886	0.000	1.153	0.140	0.846	0.115	1.141	0.140
0.200	1.310	0.000	1.182	0.029	0.864	0.024	1.169	0.029
0.300	1.457	0.000	1.204	0.011	0.882	0.009	1.191	0.011
0.400	1.585	0.000	1.227	0.005	0.899	0.004	1.214	0.005
0.500	1.701	0.000	1.251	0.003	0.916	0.003	1.237	0.003
0.600	1.809	0.000	1.274	0.002	0.932	0.002	1.260	0.002
0.700	1.911	0.000	1.297	0.001	0.948	0.001	1.282	0.001
0.800	2.009	0.000	1.319	0.001	0.964	0.001	1.304	0.001
0.900	2.103	0.000	1.341	0.001	0.979	0.001	1.326	0.001
1.000	2.195	0.000	1.362	0.001	1.105	0.000	1.347	0.001

Electrolyte	Co(ClO <sub>3</sub> ) <sub>2</sub>		Co(ClO <sub>4</sub> ) <sub>2</sub>		CoI <sub>2</sub>		Co(NH <sub>3</sub> ) <sub>6</sub> Cl <sub>2</sub>	
	Λ <sup>0</sup> =118.6 a=4.8		Λ <sup>0</sup> =121.3 a=4.8		Λ <sup>0</sup> =130.9 a=4.5		Λ <sup>0</sup> =182.0 a=3.5	
Conc.	Dof	Dpikal	Dof	Dpikal	Dof	Dpikal	Dof	Dpikal
0.000	1.174	1.175	1.196	1.197	1.267	1.267	1.180	1.180
0.001	1.125	1.109	1.145	1.129	1.213	1.191	0.998	1.085
0.002	1.110	1.087	1.131	1.106	1.197	1.164	0.943	1.014
0.003	1.101	1.070	1.122	1.089	1.187	1.144	0.908	0.999
0.004	1.095	1.056	1.115	1.074	1.180	1.132	0.885	0.989
0.005	1.090	1.039	1.110	1.056	1.175	1.117	0.868	0.982
0.006	1.086	1.026	1.106	1.043	1.170	1.103	0.856	0.975
0.007	1.083	1.014	1.103	1.031	1.167	1.090	0.848	0.969
0.008	1.081	1.002	1.101	1.018	1.164	1.076	0.842	0.963
0.009	1.079	0.990	1.099	1.005	1.162	1.063	0.840	0.957
0.010	1.077	0.977	1.097	0.993	1.161	1.050	0.839	0.950
0.020	1.063	0.858	1.083	0.869	1.145	0.900	0.897	0.801
0.030	1.059	0.706	1.079	0.713	1.139	0.757	1.027	0.761
0.040	1.059	0.557	1.079	0.561	1.141	0.600	1.198	0.727
0.050	1.058	0.431	1.077	0.432	1.138	0.466	1.400	0.752
0.060	1.058	0.331	1.078	0.332	1.138	0.359	1.613	0.740
0.070	1.059	0.260	1.079	0.260	1.138	0.279	1.841	0.725
0.080	1.061	0.203	1.081	0.203	1.140	0.219	2.081	0.708
0.090	1.063	0.161	1.083	0.160	1.142	0.174	2.331	0.691
0.100	1.065	0.129	1.085	0.129	1.144	0.140	2.591	0.672
0.200	1.091	0.026	1.111	0.026	1.173	0.029	5.519	0.553
0.300	1.112	0.010	1.132	0.010	1.195	0.011	8.597	0.410
0.400	1.134	0.005	1.155	0.005	1.218	0.005	11.795	0.333
0.500	1.155	0.003	1.177	0.003	1.241	0.003	15.068	0.264
0.600	1.177	0.002	1.198	0.002	1.264	0.002	18.393	0.216
0.700	1.197	0.001	1.219	0.001	1.287	0.001	21.757	0.182
0.800	1.217	0.001	1.240	0.001	1.309	0.001	25.151	0.155
0.900	1.237	0.001	1.260	0.001	1.330	0.001	28.569	0.135
1.000	1.257	0.001	1.280	0.001	1.351	0.001	32.008	0.120

Electrolyte	Co(NO <sub>3</sub> ) <sub>2</sub>		CoSO <sub>4</sub>		CrBr <sub>3</sub>		CrCl <sub>3</sub>	
	Λ <sup>0</sup> =125.42 a=4.5		Λ <sup>0</sup> =133.8 a=5.0		Λ <sup>0</sup> =145.4 a=6.0		Λ <sup>0</sup> =143.3 a=6.0	
Conc.	Dof	Dpikal	Dof	Dpikal	Dof	Dpikal	Dof	Dpikal
0.000	1.228	1.228	0.857	0.857	1.282	1.282	1.266	1.266
0.001	1.176	1.156	0.729	0.733	1.194	1.116	1.179	1.103
0.002	1.160	1.131	0.691	0.695	1.179	1.036	1.164	1.025
0.003	1.151	1.111	0.666	0.667	1.172	0.966	1.157	0.956
0.004	1.144	1.100	0.650	0.646	1.165	0.881	1.150	0.873
0.005	1.139	1.086	0.638	0.628	1.160	0.792	1.145	0.786
0.006	1.134	1.073	0.630	0.612	1.157	0.704	1.142	0.699
0.007	1.131	1.060	0.624	0.592	1.155	0.620	1.140	0.616
0.008	1.128	1.048	0.619	0.580	1.153	0.550	1.138	0.547
0.009	1.126	1.035	0.616	0.570	1.153	0.479	1.138	0.477
0.010	1.125	1.023	0.615	0.560	1.153	0.417	1.137	0.415
0.020	1.110	0.880	0.656	0.498	1.151	0.118	1.136	0.118
0.030	1.105	0.744	0.749	0.458	1.156	0.046	1.141	0.046
0.040	1.106	0.593	0.869	0.458	1.165	0.023	1.149	0.023
0.050	1.103	0.462	1.008	0.428	1.176	0.013	1.160	0.013
0.060	1.103	0.358	1.161	0.397	1.178	0.008	1.162	0.008
0.070	1.104	0.279	1.325	0.368	1.182	0.006	1.166	0.006
0.080	1.105	0.219	1.498	0.341	1.186	0.004	1.170	0.004
0.090	1.107	0.174	1.679	0.316	1.190	0.003	1.174	0.003
0.100	1.109	0.140	1.870	0.294	1.195	0.002	1.179	0.002
0.200	1.137	0.029	3.873	0.164	1.239	0.000	1.223	0.000
0.300	1.158	0.011	6.057	0.105	1.278	0.000	1.261	0.000
0.400	1.181	0.005	8.333	0.076	1.593	0.000	1.570	0.000
0.500	1.203	0.003	10.668	0.058	1.683	0.000	1.658	0.000
0.600	1.226	0.002	13.044	0.046	1.767	0.000	1.740	0.000
0.700	1.248	0.001	15.451	0.038	1.846	0.000	1.818	0.000
0.800	1.269	0.001	17.883	0.032	1.922	0.000	1.893	0.000
0.900	1.290	0.001	24.523	0.028	1.995	0.000	1.965	0.000
1.000	1.311	0.001	27.892	0.024	2.066	0.000	2.034	0.000

Electrolyte	Cr(ClO <sub>4</sub> ) <sub>3</sub>		Cr(NO <sub>3</sub> ) <sub>3</sub>		Cr <sub>2</sub> (SO <sub>4</sub> ) <sub>3</sub>		CsBr	
	Λ <sup>0</sup> =134.3 a=6.3		Λ <sup>0</sup> =138.42 a=6.0		Λ <sup>0</sup> =146.8 a=6.5		Λ <sup>0</sup> =155.2 a=3.15	
Conc.	Dof	Dpikal	Dof	Dpikal	Dof	Dpikal	Dof	Dpikal
0.000	1.192	1.192	1.227	1.227	0.808	0.808	2.065	2.066
0.001	1.109	1.042	1.142	1.072	0.741	0.683	2.034	2.032
0.002	1.094	0.977	1.127	0.997	0.731	0.562	2.022	2.020
0.003	1.087	0.904	1.120	0.932	0.729	0.427	2.014	2.012
0.004	1.080	0.825	1.113	0.853	0.730	0.322	2.007	2.005
0.005	1.075	0.742	1.108	0.770	0.728	0.238	2.001	1.999
0.006	1.072	0.667	1.105	0.687	0.727	0.178	1.997	1.994
0.007	1.070	0.587	1.102	0.606	0.727	0.135	1.992	1.989
0.008	1.069	0.513	1.101	0.540	0.728	0.104	1.988	1.985
0.009	1.069	0.446	1.100	0.471	0.729	0.082	1.985	1.982
0.010	1.071	0.388	1.100	0.411	0.730	0.066	1.981	1.978
0.020	1.066	0.109	1.098	0.118	0.742	0.013	1.958	1.953
0.030	1.072	0.043	1.103	0.046	0.747	0.005	1.944	1.937
0.040	1.085	0.021	1.111	0.023	0.753	0.002	1.935	1.925
0.050	1.087	0.012	1.121	0.013	0.759	0.001	1.929	1.915
0.060	1.090	0.008	1.123	0.008	0.765	0.001	1.924	1.906
0.070	1.094	0.005	1.127	0.006	0.771	0.001	1.920	1.898
0.080	1.098	0.004	1.131	0.004	0.776	0.000	1.917	1.891
0.090	1.102	0.003	1.135	0.003	0.781	0.000	1.914	1.884
0.100	1.106	0.002	1.139	0.002	0.785	0.000	1.912	1.878
0.200	1.148	0.000	1.182	0.000	1.073	0.000	1.913	1.820
0.300	1.182	0.000	1.219	0.000	1.188	0.000	1.928	1.787
0.400	1.461	0.000	1.513	0.000	1.288	0.000	1.947	1.721
0.500	1.539	0.000	1.597	0.000	1.377	0.000	1.969	1.645
0.600	1.611	0.000	1.676	0.000	1.460	0.000	1.993	1.560
0.700	1.680	0.000	1.751	0.000	1.538	0.000	2.018	1.471
0.800	1.746	0.000	1.822	0.000	1.613	0.000	2.045	1.380
0.900	1.809	0.000	1.891	0.000	1.685	0.000	2.071	1.289
1.000	1.871	0.000	1.957	0.000	1.755	0.000	2.100	1.201

Electrolyte	CsBrO <sub>3</sub>		CsCHO <sub>2</sub>		CsC <sub>2</sub> H <sub>3</sub> O <sub>2</sub>		CsCl	
	Λ <sup>0</sup> =132.6 a=3.21		Λ <sup>0</sup> =131.9 a=3.0		Λ <sup>0</sup> =117.8 a=3.5		Λ <sup>0</sup> =153.1 a=3.0	
Conc.	Dof	Dpikal	Dof	Dpikal	Dof	Dpikal	Dof	Dpikal
0.000	1.721	1.721	1.708	1.708	1.423	1.423	2.043	2.044
0.001	1.694	1.693	1.681	1.680	1.400	1.398	2.012	2.010
0.002	1.684	1.683	1.672	1.670	1.392	1.390	2.000	1.998
0.003	1.678	1.675	1.665	1.663	1.386	1.383	1.992	1.989
0.004	1.672	1.670	1.660	1.657	1.381	1.378	1.985	1.982
0.005	1.667	1.665	1.655	1.652	1.377	1.374	1.979	1.976
0.006	1.663	1.661	1.651	1.648	1.373	1.371	1.974	1.971
0.007	1.660	1.657	1.647	1.644	1.370	1.367	1.969	1.966
0.008	1.656	1.653	1.644	1.641	1.367	1.364	1.965	1.962
0.009	1.653	1.650	1.641	1.638	1.365	1.362	1.961	1.958
0.010	1.651	1.648	1.638	1.635	1.363	1.359	1.957	1.954
0.020	1.632	1.627	1.619	1.614	1.347	1.340	1.932	1.927
0.030	1.621	1.613	1.607	1.600	1.338	1.327	1.915	1.908
0.040	1.614	1.602	1.600	1.589	1.332	1.317	1.903	1.893
0.050	1.608	1.593	1.594	1.580	1.328	1.308	1.894	1.881
0.060	1.605	1.585	1.590	1.572	1.325	1.300	1.886	1.869
0.070	1.602	1.578	1.588	1.564	1.322	1.292	1.880	1.859
0.080	1.599	1.571	1.585	1.558	1.320	1.285	1.874	1.850
0.090	1.597	1.564	1.583	1.551	1.318	1.278	1.869	1.841
0.100	1.596	1.558	1.581	1.545	1.317	1.283	1.865	1.832
0.200	1.598	1.496	1.580	1.486	1.320	1.219	1.838	1.753
0.300	1.611	1.457	1.593	1.420	1.329	1.135	1.828	1.672
0.400	1.627	1.382	1.608	1.385	1.342	1.036	1.820	1.621
0.500	1.646	1.297	1.626	1.308	1.358	0.930	1.817	1.535
0.600	1.666	1.206	1.646	1.224	1.375	0.824	1.815	1.443
0.700	1.687	1.113	1.666	1.137	1.392	0.724	1.814	1.348
0.800	1.709	1.021	1.688	1.051	1.411	0.634	1.815	1.255
0.900	1.735	0.934	1.710	0.968	1.428	0.555	1.816	1.163
1.000	1.756	0.852	1.732	0.889	1.445	0.486	1.817	1.075

Electrolyte	CsClO <sub>3</sub>		CsClO <sub>4</sub>		CsF		CsI	
	Λ <sup>0</sup> =141.4 a=2.29		Λ <sup>0</sup> =144.1 a=1.61		Λ <sup>0</sup> =132.2 a=5.21		Λ <sup>0</sup> =153.7 a=3.16	
Conc.	Dof	Dpikal	Dof	Dpikal	Dof	Dpikal	Dof	Dpikal
0.000	1.868	1.868	1.910	1.910	1.713	1.714	2.046	2.046
0.001	1.839	1.838	1.880	1.879	1.688	1.686	2.014	2.013
0.002	1.828	1.827	1.868	1.868	1.679	1.677	2.003	2.001
0.003	1.820	1.819	1.860	1.860	1.672	1.670	1.995	1.992
0.004	1.814	1.812	1.854	1.853	1.667	1.665	1.988	1.986
0.005	1.810	1.807	1.848	1.848	1.663	1.661	1.982	1.980
0.006	1.805	1.802	1.843	1.843	1.660	1.658	1.978	1.975
0.007	1.801	1.798	1.839	1.839	1.657	1.654	1.973	1.970
0.008	1.797	1.794	1.835	1.835	1.654	1.652	1.969	1.966
0.009	1.794	1.791	1.834	1.832	1.652	1.649	1.966	1.963
0.010	1.791	1.788	1.831	1.829	1.649	1.647	1.962	1.959
0.020	1.768	1.764	1.806	1.806	1.636	1.630	1.940	1.935
0.030	1.753	1.748	1.790	1.790	1.628	1.619	1.926	1.919
0.040	1.743	1.735	1.777	1.778	1.624	1.611	1.917	1.906
0.050	1.735	1.725	1.768	1.768	1.621	1.604	1.911	1.896
0.060	1.730	1.715	1.760	1.759	1.619	1.597	1.906	1.888
0.070	1.725	1.707	1.754	1.751	1.618	1.590	1.902	1.880
0.080	1.722	1.699	1.749	1.744	1.618	1.583	1.899	1.873
0.090	1.719	1.692	1.745	1.737	1.619	1.576	1.896	1.866
0.100	1.717	1.685	1.741	1.731	1.619	1.569	1.894	1.860
0.200	1.709	1.640	1.728	1.673	1.631	1.471	1.895	1.802
0.300	1.716	1.593	1.731	1.627	1.651	1.334	1.910	1.769
0.400	1.731	1.543	1.739	1.582	1.673	1.177	1.929	1.703
0.500	1.751	1.489	1.752	1.537	1.694	1.020	1.951	1.626
0.600	1.769	1.431	1.770	1.491	1.715	0.875	1.975	1.541
0.700	1.789	1.370	1.789	1.443	1.737	0.749	2.000	1.451
0.800	1.810	1.308	1.811	1.395	1.759	0.641	2.026	1.360
0.900	1.833	1.245	1.840	1.347	1.781	0.551	2.053	1.270
1.000	1.856	1.182	1.860	1.300	1.803	0.476	2.082	1.183

Electrolyte	CsI <sub>3</sub>		CsNO <sub>2</sub>		CsNO <sub>3</sub>		CsOH	
	Λ <sup>0</sup> =117.8 a=2.4		Λ <sup>0</sup> =148.8 a=2.53		Λ <sup>0</sup> =148.22 a=2.13		Λ <sup>0</sup> =274.4 a=3.0	
Conc.	Dof	Dpikal	Dof	Dpikal	Dof	Dpikal	Dof	Dpikal
0.000	1.423	1.423	1.978	1.979	1.970	1.971	2.944	2.945
0.001	1.399	1.398	1.948	1.946	1.940	1.938	2.893	2.891
0.002	1.391	1.389	1.936	1.935	1.928	1.927	2.874	2.871
0.003	1.384	1.383	1.928	1.927	1.920	1.918	2.861	2.857
0.004	1.380	1.378	1.923	1.920	1.913	1.911	2.849	2.846
0.005	1.377	1.373	1.917	1.914	1.907	1.906	2.840	2.836
0.006	1.373	1.370	1.912	1.909	1.904	1.901	2.831	2.827
0.007	1.370	1.366	1.908	1.905	1.899	1.896	2.824	2.819
0.008	1.367	1.363	1.904	1.901	1.895	1.892	2.817	2.813
0.009	1.364	1.360	1.900	1.897	1.892	1.888	2.811	2.806
0.010	1.361	1.358	1.897	1.894	1.888	1.885	2.805	2.800
0.020	1.344	1.338	1.873	1.869	1.863	1.860	2.765	2.757
0.030	1.333	1.323	1.858	1.852	1.848	1.843	2.739	2.729
0.040	1.325	1.312	1.848	1.839	1.836	1.829	2.721	2.707
0.050	1.319	1.302	1.840	1.829	1.828	1.818	2.708	2.689
0.060	1.315	1.296	1.834	1.820	1.821	1.809	2.697	2.675
0.070	1.312	1.289	1.830	1.812	1.816	1.800	2.689	2.662
0.080	1.309	1.282	1.826	1.805	1.811	1.792	2.682	2.650
0.090	1.307	1.276	1.824	1.798	1.808	1.785	2.676	2.639
0.100	1.306	1.270	1.822	1.792	1.805	1.778	2.671	2.629
0.200	1.300	1.212	1.814	1.741	1.795	1.719	2.654	2.543
0.300	1.306	1.152	1.824	1.691	1.801	1.690	2.664	2.452
0.400	1.318	1.086	1.843	1.636	1.814	1.645	2.683	2.378
0.500	1.332	1.015	1.861	1.576	1.833	1.597	2.707	2.252
0.600	1.345	0.942	1.881	1.511	1.855	1.546	2.736	2.108
0.700	1.360	0.869	1.904	1.443	1.875	1.492	2.766	1.955
0.800	1.376	0.799	1.927	1.373	1.896	1.436	2.799	1.798
0.900	1.393	0.731	1.951	1.303	1.919	1.378	2.832	1.644
1.000	1.410	0.669	1.976	1.234	1.943	1.321	2.866	1.496

Electrolyte	Cs <sub>2</sub> SO <sub>4</sub>		CuBr <sub>2</sub>		Cu(C <sub>2</sub> H <sub>3</sub> O <sub>2</sub> ) <sub>2</sub>		CuCl <sub>2</sub>	
	Λ <sup>0</sup> =156.6 a=3.3		Λ <sup>0</sup> =135.0 a=4.5		Λ <sup>0</sup> =97.6 a=5.3		Λ <sup>0</sup> =132.9 a=4.5	
Conc.	Dof	Dpikal	Dof	Dpikal	Dof	Dpikal	Dof	Dpikal
0.000	1.567	1.567	1.312	1.313	0.949	0.950	1.298	1.298
0.001	1.490	1.481	1.256	1.235	0.908	0.902	1.242	1.221
0.002	1.464	1.445	1.239	1.207	0.896	0.886	1.225	1.195
0.003	1.447	1.418	1.229	1.187	0.889	0.874	1.215	1.174
0.004	1.434	1.396	1.221	1.175	0.883	0.865	1.207	1.162
0.005	1.424	1.375	1.215	1.160	0.879	0.860	1.201	1.148
0.006	1.415	1.365	1.211	1.146	0.876	0.852	1.197	1.134
0.007	1.407	1.348	1.207	1.132	0.874	0.844	1.193	1.121
0.008	1.401	1.331	1.204	1.119	0.872	0.836	1.190	1.108
0.009	1.395	1.315	1.202	1.106	0.869	0.829	1.188	1.095
0.010	1.390	1.299	1.200	1.092	0.867	0.821	1.186	1.082
0.020	1.354	1.147	1.183	0.943	0.857	0.729	1.169	0.935
0.030	1.333	1.032	1.177	0.799	0.855	0.616	1.163	0.794
0.040	1.318	0.889	1.177	0.639	0.853	0.508	1.164	0.636
0.050	1.309	0.754	1.175	0.499	0.852	0.402	1.162	0.498
0.060	1.302	0.633	1.174	0.388	0.853	0.315	1.161	0.387
0.070	1.294	0.531	1.175	0.302	0.854	0.247	1.161	0.302
0.080	1.287	0.445	1.176	0.238	0.856	0.195	1.163	0.238
0.090	1.281	0.373	1.178	0.189	0.858	0.156	1.165	0.190
0.100	1.276	0.325	1.180	0.153	0.860	0.126	1.167	0.153
0.200	1.249	0.078	1.210	0.032	0.878	0.027	1.196	0.032
0.300	1.227	0.030	1.232	0.012	0.895	0.010	1.218	0.012
0.400	1.205	0.015	1.256	0.006	0.913	0.005	1.242	0.006
0.500	1.184	0.008	1.280	0.003	0.930	0.003	1.266	0.003
0.600	1.163	0.005	1.304	0.002	0.947	0.002	1.289	0.002
0.700	1.143	0.003	1.327	0.001	0.963	0.001	1.312	0.001
0.800	1.122	0.002	1.350	0.001	0.979	0.001	1.335	0.001
0.900	1.102	0.002	1.372	0.001	0.994	0.001	1.357	0.001
1.000	1.081	0.001	1.394	0.001	1.117	0.001	1.378	0.001

Electrolyte	Cu(ClO <sub>3</sub> ) <sub>2</sub>		Cu(ClO <sub>4</sub> ) <sub>2</sub>		Cu(NO <sub>3</sub> ) <sub>2</sub>		CuSO <sub>4</sub>	
	Λ <sup>0</sup> =121.2 a=4.8		Λ <sup>0</sup> =123.9 a=4.8		Λ <sup>0</sup> =128.02 a=4.8		Λ <sup>0</sup> =136.4 a=5.0	
Conc.	Dof	Dpikal	Dof	Dpikal	Dof	Dpikal	Dof	Dpikal
0.000	1.205	1.205	1.228	1.228	1.261	1.261	0.881	0.882
0.001	1.153	1.139	1.175	1.160	1.207	1.190	0.749	0.754
0.002	1.138	1.116	1.160	1.136	1.191	1.166	0.709	0.714
0.003	1.128	1.100	1.150	1.119	1.181	1.147	0.684	0.686
0.004	1.121	1.085	1.143	1.105	1.174	1.132	0.667	0.664
0.005	1.116	1.068	1.138	1.087	1.168	1.114	0.655	0.646
0.006	1.112	1.056	1.134	1.074	1.164	1.100	0.647	0.629
0.007	1.109	1.044	1.130	1.062	1.161	1.087	0.640	0.609
0.008	1.106	1.032	1.128	1.049	1.158	1.074	0.635	0.597
0.009	1.105	1.020	1.126	1.037	1.156	1.061	0.632	0.587
0.010	1.102	1.008	1.123	1.024	1.154	1.048	0.631	0.578
0.020	1.087	0.891	1.108	0.904	1.138	0.921	0.672	0.517
0.030	1.083	0.741	1.104	0.749	1.134	0.760	0.768	0.480
0.040	1.082	0.591	1.103	0.595	1.133	0.602	0.890	0.484
0.050	1.081	0.461	1.102	0.463	1.132	0.466	1.032	0.457
0.060	1.081	0.357	1.102	0.358	1.132	0.359	1.189	0.429
0.070	1.082	0.282	1.103	0.283	1.133	0.283	1.357	0.401
0.080	1.084	0.221	1.104	0.221	1.134	0.221	1.534	0.374
0.090	1.086	0.176	1.107	0.175	1.137	0.175	1.718	0.349
0.100	1.088	0.141	1.109	0.141	1.139	0.140	1.914	0.326
0.200	1.114	0.029	1.135	0.029	1.166	0.028	3.964	0.190
0.300	1.135	0.011	1.157	0.011	1.188	0.011	6.198	0.124
0.400	1.158	0.005	1.180	0.005	1.212	0.005	8.527	0.090
0.500	1.180	0.003	1.202	0.003	1.235	0.003	10.916	0.069
0.600	1.202	0.002	1.225	0.002	1.258	0.002	13.347	0.056
0.700	1.223	0.001	1.246	0.001	1.280	0.001	15.810	0.046
0.800	1.243	0.001	1.267	0.001	1.301	0.001	18.299	0.040
0.900	1.264	0.001	1.288	0.001	1.322	0.001	24.995	0.034
1.000	1.284	0.001	1.308	0.001	1.343	0.001	28.421	0.030

Electrolyte	FeBr <sub>2</sub>		FeCl <sub>2</sub>		FeCl <sub>3</sub>		Fe(ClO <sub>4</sub> ) <sub>2</sub>	
	Λ <sup>0</sup> =131.9 a=4.5		Λ <sup>0</sup> =129.8 a=4.5		Λ <sup>0</sup> =144.3 a=6.0		Λ <sup>0</sup> =120.8 a=4.8	
Conc.	Dof	Dpikal	Dof	Dpikal	Dof	Dpikal	Dof	Dpikal
0.000	1.270	1.270	1.256	1.256	1.276	1.276	1.190	1.190
0.001	1.216	1.193	1.202	1.181	1.188	1.113	1.140	1.123
0.002	1.200	1.166	1.187	1.154	1.172	1.035	1.125	1.100
0.003	1.190	1.145	1.177	1.133	1.165	0.967	1.116	1.083
0.004	1.183	1.133	1.170	1.122	1.157	0.884	1.110	1.068
0.005	1.178	1.118	1.165	1.107	1.152	0.797	1.105	1.050
0.006	1.173	1.104	1.161	1.093	1.149	0.710	1.101	1.037
0.007	1.170	1.090	1.157	1.080	1.147	0.627	1.098	1.024
0.008	1.167	1.077	1.155	1.066	1.145	0.558	1.096	1.012
0.009	1.165	1.063	1.152	1.053	1.144	0.487	1.094	0.999
0.010	1.164	1.050	1.151	1.040	1.144	0.424	1.091	0.987
0.020	1.148	0.898	1.135	0.891	1.142	0.121	1.078	0.863
0.030	1.143	0.753	1.130	0.748	1.147	0.048	1.074	0.706
0.040	1.144	0.595	1.132	0.592	1.156	0.024	1.074	0.555
0.050	1.142	0.460	1.129	0.459	1.166	0.014	1.073	0.427
0.060	1.141	0.354	1.129	0.354	1.168	0.009	1.073	0.327
0.070	1.142	0.274	1.130	0.274	1.172	0.006	1.074	0.256
0.080	1.144	0.215	1.131	0.215	1.176	0.004	1.076	0.200
0.090	1.146	0.170	1.133	0.171	1.180	0.003	1.078	0.158
0.100	1.148	0.137	1.135	0.137	1.185	0.002	1.081	0.126
0.200	1.177	0.028	1.164	0.028	1.229	0.000	1.106	0.025
0.300	1.198	0.010	1.185	0.010	1.267	0.000	1.127	0.010
0.400	1.222	0.005	1.208	0.005	1.573	0.000	1.150	0.005
0.500	1.245	0.003	1.231	0.003	1.661	0.000	1.172	0.003
0.600	1.268	0.002	1.254	0.002	1.743	0.000	1.193	0.002
0.700	1.291	0.001	1.277	0.001	1.821	0.000	1.214	0.001
0.800	1.313	0.001	1.298	0.001	1.895	0.000	1.235	0.001
0.900	1.334	0.001	1.320	0.001	1.966	0.000	1.255	0.001
1.000	1.356	0.001	1.341	0.001	2.036	0.000	1.274	0.001

Electrolyte	Fe(ClO <sub>4</sub> ) <sub>3</sub>		Fe(NO <sub>3</sub> ) <sub>2</sub>		Fe(NO <sub>3</sub> ) <sub>3</sub>		FeSO <sub>4</sub>	
	Λ <sup>0</sup> =135.3 a=4.8		Λ <sup>0</sup> =124.92 a=4.5		Λ <sup>0</sup> =139.42 a=6.0		Λ <sup>0</sup> =133.3 a=5.0	
Conc.	Dof	Dpikal	Dof	Dpikal	Dof	Dpikal	Dof	Dpikal
0.000	1.201	1.201	1.221	1.222	1.236	1.237	0.853	0.853
0.001	1.116	1.050	1.170	1.150	1.150	1.081	0.744	0.748
0.002	1.099	0.982	1.154	1.124	1.134	1.007	0.712	0.716
0.003	1.090	0.919	1.145	1.105	1.127	0.942	0.692	0.693
0.004	1.085	0.853	1.138	1.094	1.120	0.863	0.677	0.673
0.005	1.081	0.786	1.133	1.080	1.115	0.781	0.665	0.654
0.006	1.076	0.733	1.129	1.067	1.111	0.697	0.657	0.637
0.007	1.073	0.666	1.126	1.054	1.109	0.617	0.648	0.614
0.008	1.070	0.602	1.123	1.041	1.108	0.550	0.640	0.599
0.009	1.067	0.541	1.121	1.029	1.107	0.481	0.633	0.585
0.010	1.066	0.484	1.120	1.016	1.106	0.420	0.627	0.571
0.020	1.065	0.164	1.104	0.874	1.104	0.121	0.594	0.450
0.030	1.063	0.069	1.099	0.737	1.109	0.048	0.580	0.353
0.040	1.067	0.035	1.101	0.586	1.117	0.024	0.571	0.299
0.050	1.073	0.020	1.098	0.456	1.126	0.014	0.567	0.239
0.060	1.081	0.013	1.098	0.353	1.129	0.009	0.566	0.192
0.070	1.095	0.009	1.099	0.274	1.132	0.006	0.567	0.156
0.080	1.097	0.006	1.100	0.215	1.136	0.004	0.568	0.128
0.090	1.100	0.005	1.102	0.171	1.141	0.003	0.571	0.106
0.100	1.103	0.004	1.104	0.138	1.145	0.002	0.575	0.089
0.200	1.141	0.001	1.132	0.028	1.188	0.000	0.600	0.025
0.300	1.180	0.000	1.153	0.011	1.225	0.000	0.630	0.011
0.400	1.215	0.000	1.176	0.005	1.516	0.000	0.658	0.006
0.500	1.248	0.000	1.198	0.003	1.600	0.000	0.683	0.004
0.600	1.278	0.000	1.220	0.002	1.679	0.000	0.707	0.002
0.700	1.727	0.000	1.242	0.001	1.753	0.000	0.730	0.002
0.800	1.808	0.000	1.264	0.001	1.824	0.000	0.751	0.001
0.900	1.886	0.000	1.284	0.001	1.892	0.000	0.931	0.001
1.000	1.962	0.000	1.305	0.001	1.958	0.000	0.969	0.001

Electrolyte	H <sub>3</sub> AsO <sub>4</sub>		HBr		HCHO <sub>2</sub>		HC <sub>2</sub> H <sub>3</sub> O <sub>2</sub>	
	Λ <sup>0</sup> =383.7 a=6.7		Λ <sup>0</sup> =428.1 a=6.0		Λ <sup>0</sup> =404.8 a=6.3		Λ <sup>0</sup> =390.7 a=6.8	
Conc.	Dof	Dpikal	Dof	Dpikal	Dof	Dpikal	Dof	Dpikal
0.000	1.650	1.650	3.410	3.410	2.534	2.535	1.954	1.954
0.001	1.610	1.609	3.349	3.346	2.485	2.482	1.911	1.909
0.002	1.596	1.594	3.328	3.324	2.467	2.464	1.896	1.894
0.003	1.587	1.584	3.312	3.309	2.455	2.452	1.886	1.883
0.004	1.579	1.576	3.301	3.297	2.445	2.442	1.877	1.874
0.005	1.573	1.570	3.291	3.287	2.437	2.433	1.871	1.867
0.006	1.567	1.564	3.282	3.278	2.430	2.426	1.865	1.861
0.007	1.563	1.559	3.275	3.271	2.424	2.420	1.860	1.856
0.008	1.559	1.554	3.269	3.264	2.419	2.414	1.855	1.851
0.009	1.555	1.550	3.263	3.258	2.414	2.409	1.851	1.846
0.010	1.551	1.546	3.258	3.252	2.410	2.404	1.848	1.842
0.020	1.528	1.517	3.224	3.213	2.382	2.371	1.824	1.812
0.030	1.514	1.496	3.204	3.189	2.365	2.349	1.810	1.791
0.040	1.505	1.478	3.192	3.170	2.355	2.330	1.801	1.773
0.050	1.499	1.460	3.184	3.154	2.348	2.314	1.794	1.755
0.060	1.494	1.442	3.179	3.139	2.343	2.297	1.790	1.737
0.070	1.490	1.423	3.176	3.124	2.340	2.280	1.786	1.718
0.080	1.487	1.402	3.173	3.108	2.337	2.262	1.784	1.697
0.090	1.485	1.380	3.172	3.092	2.335	2.243	1.782	1.675
0.100	1.483	1.357	3.171	3.075	2.334	2.223	1.780	1.651
0.200	1.480	1.052	3.188	2.832	2.342	1.934	1.783	1.328
0.300	1.488	0.734	3.221	2.464	2.362	1.550	1.795	0.963
0.400	1.499	0.496	3.257	2.048	2.386	1.181	1.812	0.672
0.500	1.512	0.341	3.296	1.656	2.412	0.884	1.830	0.471
0.600	1.527	0.241	3.335	1.324	2.440	0.665	1.849	0.338
0.700	1.542	0.176	3.376	1.059	2.468	0.507	1.869	0.250
0.800	1.558	0.133	3.416	0.852	2.496	0.394	1.889	0.189
0.900	1.574	0.103	3.457	0.693	2.524	0.312	1.910	0.147
1.000	1.590	0.082	3.498	0.570	2.553	0.251	1.930	0.117



Electrolyte	HCN		H <sub>2</sub> CO <sub>3</sub>		HCl		HClO <sub>3</sub>	
	Λ <sup>0</sup> =427.7 a=6.0		Λ <sup>0</sup> =419.0 a=6.8		Λ <sup>0</sup> =426.0 a=4.08		Λ <sup>0</sup> =414.3 a=6.3	
Conc.	Dof	Dpikal	Dof	Dpikal	Dof	Dpikal	Dof	Dpikal
0.000	3.395	3.396	2.309	2.310	3.335	3.335	2.903	2.904
0.001	3.335	3.332	2.170	2.146	3.273	3.270	2.849	2.847
0.002	3.314	3.310	2.130	2.085	3.250	3.247	2.830	2.827
0.003	3.298	3.295	2.105	2.053	3.234	3.230	2.816	2.813
0.004	3.287	3.283	2.087	2.015	3.221	3.216	2.806	2.803
0.005	3.277	3.273	2.072	1.978	3.210	3.205	2.797	2.794
0.006	3.269	3.264	2.060	1.942	3.200	3.195	2.790	2.786
0.007	3.261	3.257	2.049	1.906	3.191	3.186	2.784	2.779
0.008	3.255	3.250	2.040	1.870	3.184	3.178	2.778	2.773
0.009	3.249	3.244	2.032	1.832	3.177	3.170	2.773	2.768
0.010	3.244	3.239	2.025	1.794	3.171	3.163	2.768	2.763
0.020	3.210	3.200	1.986	1.367	3.126	3.118	2.738	2.728
0.030	3.191	3.175	1.964	0.958	3.100	3.087	2.721	2.705
0.040	3.178	3.156	1.953	0.675	3.081	3.064	2.710	2.686
0.050	3.170	3.140	1.947	0.462	3.067	3.045	2.703	2.670
0.060	3.165	3.125	1.943	0.324	3.056	3.029	2.699	2.654
0.070	3.162	3.110	1.945	0.234	3.048	3.015	2.695	2.637
0.080	3.159	3.094	1.942	0.175	3.042	3.001	2.693	2.620
0.090	3.158	3.078	1.940	0.134	3.037	2.988	2.691	2.602
0.100	3.157	3.061	1.939	0.104	3.033	2.975	2.691	2.583
0.200	3.174	2.817	1.950	0.019	3.025	2.836	2.703	2.301
0.300	3.207	2.450	1.973	0.007	3.042	2.639	2.730	1.906
0.400	3.243	2.034	1.999	0.003	3.069	2.390	2.759	1.501
0.500	3.281	1.643	2.026	0.002	3.101	2.112	2.791	1.156
0.600	3.321	1.312	2.053	0.001	3.136	1.833	2.824	0.888
0.700	3.361	1.049	2.255	0.001	3.171	1.574	2.857	0.688
0.800	3.401	0.844	2.303	0.001	3.207	1.343	2.890	0.541
0.900	3.442	0.686	2.349	0.000	3.244	1.146	2.924	0.432
1.000	3.482	0.564	2.395	0.000	3.281	0.979	2.958	0.350

Electrolyte	HClO <sub>4</sub>		H <sub>2</sub> CrO <sub>4</sub>		HF		HI	
	Λ <sup>0</sup> =417.0 a=6.3		Λ <sup>0</sup> =434.7 a=6.5		Λ <sup>0</sup> =405.1 a=6.3		Λ <sup>0</sup> =426.6 a=4.5	
Conc.	Dof	Dpikal	Dof	Dpikal	Dof	Dpikal	Dof	Dpikal
0.000	3.005	3.005	2.730	2.731	2.546	2.547	2.546	2.547
0.001	2.950	2.947	2.572	2.551	2.496	2.494	2.495	2.492
0.002	2.930	2.927	2.527	2.485	2.479	2.476	2.476	2.473
0.003	2.916	2.913	2.498	2.435	2.466	2.463	2.463	2.460
0.004	2.905	2.902	2.477	2.390	2.457	2.453	2.452	2.448
0.005	2.897	2.893	2.461	2.374	2.449	2.445	2.443	2.439
0.006	2.889	2.885	2.446	2.339	2.442	2.438	2.435	2.431
0.007	2.883	2.878	2.434	2.303	2.436	2.432	2.428	2.424
0.008	2.877	2.872	2.423	2.268	2.431	2.426	2.422	2.417
0.009	2.872	2.867	2.414	2.231	2.426	2.421	2.416	2.411
0.010	2.867	2.862	2.406	2.194	2.422	2.416	2.411	2.406
0.020	2.836	2.826	2.362	1.769	2.393	2.382	2.376	2.367
0.030	2.819	2.803	2.338	1.322	2.377	2.360	2.355	2.340
0.040	2.808	2.784	2.325	0.949	2.366	2.342	2.339	2.320
0.050	2.801	2.768	2.319	0.698	2.359	2.325	2.328	2.303
0.060	2.797	2.752	2.316	0.503	2.355	2.309	2.319	2.287
0.070	2.793	2.736	2.315	0.370	2.351	2.292	2.313	2.273
0.080	2.791	2.719	2.317	0.279	2.348	2.274	2.307	2.259
0.090	2.790	2.701	2.316	0.215	2.347	2.255	2.303	2.245
0.100	2.789	2.682	2.315	0.170	2.346	2.234	2.300	2.230
0.200	2.803	2.403	2.336	0.032	2.353	1.946	2.292	2.056
0.300	2.831	2.007	2.369	0.012	2.374	1.561	2.303	1.813
0.400	2.862	1.594	2.405	0.006	2.398	1.190	2.322	1.535
0.500	2.895	1.236	2.440	0.003	2.425	0.892	2.345	1.264
0.600	2.929	0.955	2.475	0.002	2.452	0.672	2.368	1.026
0.700	2.964	0.744	2.678	0.001	2.480	0.513	2.393	0.831
0.800	2.999	0.587	2.733	0.001	2.509	0.399	2.419	0.675
0.900	3.034	0.470	2.787	0.001	2.537	0.316	2.445	0.553
1.000	3.070	0.381	2.840	0.001	2.566	0.254	2.472	0.457

Electrolyte	HIO <sub>3</sub>		HNO <sub>3</sub>		H <sub>3</sub> PO <sub>4</sub>		H <sub>2</sub> SO <sub>4</sub>	
	Λ <sup>0</sup> =390.7 a=6.6		Λ <sup>0</sup> =421.12 a=6.0		Λ <sup>0</sup> =385.7 a=6.6		Λ <sup>0</sup> =429.5 a=6.5	
Conc.	Dof	Dpikal	Dof	Dpikal	Dof	Dpikal	Dof	Dpikal
0.000	1.954	1.954	3.158	3.158	1.738	1.738	2.594	2.595
0.001	1.911	1.909	3.100	3.098	1.697	1.696	2.442	2.420
0.002	1.896	1.894	3.080	3.077	1.683	1.681	2.398	2.356
0.003	1.885	1.883	3.065	3.062	1.673	1.671	2.370	2.306
0.004	1.877	1.874	3.054	3.051	1.665	1.662	2.350	2.262
0.005	1.870	1.867	3.045	3.041	1.659	1.655	2.335	2.246
0.006	1.864	1.861	3.037	3.033	1.653	1.649	2.320	2.211
0.007	1.859	1.855	3.030	3.026	1.648	1.644	2.309	2.176
0.008	1.855	1.850	3.024	3.019	1.644	1.639	2.298	2.140
0.009	1.851	1.846	3.018	3.013	1.640	1.635	2.290	2.104
0.010	1.847	1.841	3.013	3.008	1.637	1.631	2.282	2.067
0.020	1.822	1.811	2.980	2.970	1.613	1.602	2.239	1.645
0.030	1.808	1.790	2.962	2.946	1.599	1.581	2.215	1.212
0.040	1.798	1.772	2.950	2.927	1.590	1.563	2.202	0.860
0.050	1.792	1.754	2.942	2.911	1.583	1.545	2.196	0.627
0.060	1.787	1.737	2.937	2.896	1.578	1.527	2.192	0.449
0.070	1.783	1.718	2.933	2.880	1.574	1.508	2.191	0.329
0.080	1.781	1.698	2.931	2.864	1.571	1.488	2.193	0.248
0.090	1.779	1.677	2.929	2.848	1.569	1.467	2.191	0.191
0.100	1.777	1.654	2.928	2.830	1.567	1.443	2.191	0.150
0.200	1.778	1.344	2.942	2.578	1.565	1.141	2.207	0.028
0.300	1.791	0.988	2.971	2.208	1.574	0.812	2.237	0.010
0.400	1.806	0.697	3.004	1.802	1.586	0.559	2.269	0.005
0.500	1.824	0.492	3.038	1.432	1.601	0.388	2.302	0.003
0.600	1.843	0.355	3.074	1.129	1.617	0.276	2.334	0.002
0.700	1.863	0.263	3.111	0.893	1.633	0.203	2.338	0.001
0.800	1.883	0.200	3.148	0.712	1.650	0.154	2.590	0.001
0.900	1.903	0.156	3.185	0.575	1.667	0.119	2.642	0.001
1.000	1.924	0.124	3.222	0.470	1.685	0.095	2.693	0.001

Electrolyte	Hg(CN) <sub>2</sub>		HgCl <sub>2</sub>		Hg <sub>2</sub> Cl <sub>2</sub>		KBr	
	Λ <sup>0</sup> =141.6 a=4.0		Λ <sup>0</sup> =139.9 a=4.0		Λ <sup>0</sup> =144.9 a=4.0		Λ <sup>0</sup> =151.9 a=3.67	
Conc.	Dof	Dpikal	Dof	Dpikal	Dof	Dpikal	Dof	Dpikal
0.000	1.399	1.399	1.385	1.385	1.442	1.443	2.020	2.020
0.001	1.337	1.318	1.324	1.305	1.378	1.361	1.989	1.987
0.002	1.318	1.291	1.305	1.279	1.357	1.334	1.978	1.976
0.003	1.306	1.271	1.293	1.259	1.344	1.314	1.970	1.968
0.004	1.297	1.253	1.284	1.242	1.334	1.297	1.963	1.961
0.005	1.289	1.238	1.277	1.227	1.327	1.282	1.958	1.956
0.006	1.284	1.224	1.271	1.213	1.320	1.268	1.953	1.951
0.007	1.279	1.211	1.266	1.200	1.315	1.256	1.949	1.947
0.008	1.275	1.198	1.262	1.187	1.310	1.243	1.946	1.943
0.009	1.271	1.185	1.259	1.175	1.307	1.231	1.942	1.939
0.010	1.268	1.173	1.256	1.163	1.303	1.219	1.939	1.936
0.020	1.248	1.059	1.236	1.051	1.281	1.110	1.918	1.913
0.030	1.238	0.917	1.226	0.911	1.270	0.974	1.906	1.898
0.040	1.234	0.765	1.222	0.762	1.265	0.826	1.899	1.887
0.050	1.235	0.629	1.223	0.626	1.265	0.688	1.893	1.877
0.060	1.233	0.510	1.220	0.509	1.262	0.566	1.889	1.869
0.070	1.232	0.420	1.219	0.419	1.261	0.471	1.886	1.868
0.080	1.232	0.340	1.219	0.339	1.261	0.385	1.883	1.862
0.090	1.232	0.276	1.220	0.276	1.261	0.315	1.882	1.856
0.100	1.234	0.227	1.222	0.227	1.263	0.260	1.881	1.851
0.200	1.267	0.050	1.254	0.050	1.295	0.058	1.887	1.797
0.300	1.288	0.019	1.275	0.019	1.316	0.022	1.903	1.728
0.400	1.312	0.009	1.299	0.009	1.341	0.011	1.925	1.642
0.500	1.338	0.005	1.324	0.005	1.367	0.006	1.949	1.543
0.600	1.363	0.003	1.349	0.003	1.393	0.004	1.974	1.436
0.700	1.388	0.002	1.374	0.002	1.419	0.003	2.002	1.328
0.800	1.413	0.002	1.399	0.002	1.445	0.002	2.026	1.221
0.900	1.437	0.001	1.423	0.001	1.470	0.002	2.052	1.120
1.000	1.461	0.001	1.447	0.001	1.494	0.001	2.077	1.025

Electrolyte	KBrO <sub>3</sub>		KCHO <sub>2</sub>		KC <sub>2</sub> H <sub>3</sub> O <sub>2</sub>		K <sub>2</sub> CO <sub>3</sub>	
	Λ <sup>0</sup> =129.3 a=2.57		Λ <sup>0</sup> =128.6 a=3.3		Λ <sup>0</sup> =114.5 a=3.8		Λ <sup>0</sup> =142.8 a=3.8	
Conc.	Dof	Dpikal	Dof	Dpikal	Dof	Dpikal	Dof	Dpikal
0.000	1.689	1.689	1.677	1.677	1.401	1.401	1.424	1.425
0.001	1.662	1.661	1.651	1.649	1.379	1.377	1.354	1.344
0.002	1.653	1.651	1.641	1.640	1.371	1.369	1.332	1.311
0.003	1.646	1.644	1.635	1.633	1.365	1.363	1.317	1.286
0.004	1.641	1.639	1.630	1.627	1.360	1.358	1.306	1.264
0.005	1.636	1.634	1.625	1.623	1.356	1.354	1.297	1.243
0.006	1.632	1.630	1.621	1.619	1.353	1.351	1.290	1.235
0.007	1.629	1.626	1.618	1.615	1.350	1.347	1.284	1.218
0.008	1.625	1.623	1.615	1.612	1.348	1.345	1.279	1.202
0.009	1.622	1.620	1.612	1.609	1.345	1.342	1.274	1.186
0.010	1.620	1.617	1.609	1.606	1.343	1.340	1.270	1.170
0.020	1.600	1.595	1.591	1.586	1.329	1.322	1.244	1.019
0.030	1.588	1.581	1.581	1.573	1.320	1.310	1.229	0.906
0.040	1.579	1.570	1.574	1.563	1.315	1.300	1.221	0.767
0.050	1.573	1.561	1.570	1.554	1.311	1.297	1.217	0.641
0.060	1.569	1.553	1.566	1.546	1.308	1.290	1.216	0.530
0.070	1.565	1.546	1.563	1.539	1.306	1.284	1.212	0.439
0.080	1.563	1.539	1.561	1.532	1.304	1.278	1.211	0.364
0.090	1.562	1.533	1.559	1.526	1.303	1.272	1.210	0.304
0.100	1.560	1.528	1.558	1.520	1.303	1.266	1.210	0.263
0.200	1.555	1.475	1.561	1.479	1.307	1.197	1.228	0.063
0.300	1.565	1.422	1.574	1.417	1.318	1.105	1.251	0.025
0.400	1.581	1.362	1.590	1.340	1.332	0.997	1.272	0.012
0.500	1.597	1.296	1.609	1.253	1.348	0.884	1.294	0.007
0.600	1.615	1.227	1.629	1.160	1.365	0.774	1.317	0.005
0.700	1.634	1.156	1.651	1.066	1.384	0.673	1.340	0.003
0.800	1.655	1.084	1.672	0.975	1.400	0.583	1.363	0.002
0.900	1.676	1.014	1.696	0.889	1.417	0.506	1.386	0.002
1.000	1.698	0.947	1.717	0.809	1.434	0.440	1.409	0.001

Electrolyte	K <sub>2</sub> C <sub>2</sub> O <sub>4</sub>		KCl		KClO <sub>3</sub>		KClO <sub>4</sub>	
	Λ <sup>0</sup> =122.3 a=3.8		Λ <sup>0</sup> =149.8 a=3.8		Λ <sup>0</sup> =138.1 a=3.3		Λ <sup>0</sup> =140.8 a=4.95	
Conc.	Dof	Dpikal	Dof	Dpikal	Dof	Dpikal	Dof	Dpikal
0.000	1.171	1.171	1.993	1.993	1.830	1.831	1.870	1.870
0.001	1.112	1.097	1.963	1.961	1.803	1.801	1.843	1.841
0.002	1.093	1.063	1.951	1.950	1.792	1.791	1.833	1.831
0.003	1.081	1.037	1.944	1.942	1.785	1.783	1.827	1.825
0.004	1.073	1.013	1.938	1.935	1.780	1.777	1.822	1.820
0.005	1.066	0.991	1.932	1.930	1.775	1.772	1.818	1.816
0.006	1.060	0.983	1.928	1.925	1.770	1.768	1.814	1.812
0.007	1.056	0.965	1.924	1.921	1.766	1.764	1.812	1.809
0.008	1.052	0.947	1.920	1.917	1.763	1.760	1.809	1.807
0.009	1.048	0.929	1.917	1.914	1.760	1.757	1.807	1.804
0.010	1.045	0.911	1.914	1.911	1.757	1.754	1.805	1.802
0.020	1.026	0.745	1.893	1.888	1.738	1.733	1.795	1.789
0.030	1.015	0.630	1.881	1.873	1.726	1.719	1.791	1.783
0.040	1.009	0.501	1.872	1.862	1.719	1.708	1.791	1.779
0.050	1.007	0.395	1.867	1.852	1.714	1.699	1.792	1.777
0.060	1.007	0.312	1.862	1.843	1.710	1.691	1.795	1.775
0.070	1.004	0.248	1.858	1.836	1.706	1.683	1.799	1.773
0.080	1.002	0.199	1.855	1.828	1.704	1.677	1.804	1.772
0.090	1.001	0.162	1.852	1.822	1.702	1.670	1.809	1.770
0.100	1.001	0.138	1.850	1.815	1.701	1.664	1.815	1.768
0.200	1.015	0.030	1.846	1.769	1.704	1.625	1.877	1.727
0.300	1.031	0.012	1.851	1.703	1.718	1.566	1.948	1.641
0.400	1.044	0.006	1.860	1.623	1.736	1.494	2.023	1.522
0.500	1.059	0.003	1.870	1.532	1.757	1.410	2.096	1.387
0.600	1.075	0.002	1.882	1.434	1.779	1.320	2.169	1.250
0.700	1.092	0.001	1.894	1.334	1.802	1.228	2.243	1.120
0.800	1.108	0.001	1.907	1.234	1.826	1.136	2.317	1.000
0.900	1.125	0.001	1.921	1.137	1.852	1.047	2.391	0.894
1.000	1.142	0.001	1.932	1.046	1.874	0.963	2.466	0.801

Electrolyte	K <sub>2</sub> CrO <sub>4</sub>		KF		K <sub>3</sub> Fe(CN) <sub>6</sub>		K <sub>4</sub> Fe(CN) <sub>6</sub>	
	Λ <sup>0</sup> =158.5 a=3.5		Λ <sup>0</sup> =128.9 a=2.96		Λ <sup>0</sup> =172.4 a=3.5		Λ <sup>0</sup> =181.6 a=3.5	
Conc.	Dof	Dpikal	Dof	Dpikal	Dof	Dpikal	Dof	Dpikal
0.000	1.574	1.574	1.682	1.682	1.497	1.497	1.456	1.456
0.001	1.497	1.488	1.656	1.654	1.362	1.439	1.274	1.826
0.002	1.472	1.459	1.646	1.645	1.324	1.449	1.231	2.819
0.003	1.454	1.435	1.640	1.638	1.301	1.481	1.207	4.621
0.004	1.441	1.415	1.635	1.632	1.283	1.509	1.191	6.429
0.005	1.431	1.397	1.630	1.627	1.271	1.529	1.183	3.529
0.006	1.422	1.380	1.626	1.623	1.260	1.537	1.167	2.323
0.007	1.414	1.355	1.622	1.620	1.252	1.529	1.154	1.439
0.008	1.408	1.339	1.619	1.616	1.248	1.506	1.143	0.919
0.009	1.402	1.323	1.616	1.613	1.240	0.655	1.134	0.617
0.010	1.397	1.307	1.613	1.610	1.232	0.601	1.126	0.434
0.020	1.365	1.188	1.595	1.590	1.190	0.272	1.098	0.051
0.030	1.345	1.056	1.584	1.576	1.175	0.155	1.072	0.016
0.040	1.334	0.929	1.576	1.566	1.168	0.090	1.065	0.008
0.050	1.327	0.807	1.571	1.557	1.160	0.057	1.067	0.004
0.060	1.323	0.728	1.567	1.549	1.157	0.038	1.074	0.003
0.070	1.322	0.625	1.565	1.542	1.157	0.027	1.085	0.002
0.080	1.319	0.536	1.562	1.535	1.159	0.021	1.108	0.001
0.090	1.317	0.459	1.560	1.529	1.162	0.016	1.110	0.001
0.100	1.316	0.394	1.558	1.523	1.166	0.012	1.113	0.001
0.200	1.330	0.110	1.558	1.466	1.209	0.002	1.180	0.000
0.300	1.360	0.044	1.571	1.402	1.247	0.001	1.254	0.000
0.400	1.383	0.022	1.585	1.370	1.288	0.000	1.322	0.000
0.500	1.408	0.013	1.603	1.297	1.327	0.000	1.383	0.000
0.600	1.434	0.009	1.622	1.217	1.366	0.000	1.439	0.000
0.700	1.461	0.006	1.643	1.134	1.402	0.000	2.362	0.000
0.800	1.487	0.004	1.664	1.051	1.438	0.000	2.538	0.000
0.900	1.513	0.003	1.686	0.971	1.472	0.000	2.709	0.000
1.000	1.539	0.003	1.708	0.895	1.505	0.000	2.876	0.000

Electrolyte	KH <sub>2</sub> AsO <sub>4</sub>		KHCO <sub>3</sub>		KH <sub>2</sub> PO <sub>4</sub>		K <sub>2</sub> HPO <sub>4</sub>	
	Λ <sup>0</sup> =107.5 a=3.6		Λ <sup>0</sup> =118.0 a=3.8		Λ <sup>0</sup> =109.5 a=3.6		Λ <sup>0</sup> =130.5 a=3.5	
Conc.	Dof	Dpikal	Dof	Dpikal	Dof	Dpikal	Dof	Dpikal
0.000	1.238	1.238	1.476	1.476	1.287	1.287	1.282	1.282
0.001	1.216	1.215	1.452	1.451	1.265	1.264	1.218	1.204
0.002	1.209	1.207	1.444	1.442	1.257	1.255	1.198	1.176
0.003	1.204	1.201	1.438	1.436	1.252	1.250	1.185	1.152
0.004	1.199	1.197	1.433	1.431	1.247	1.245	1.175	1.131
0.005	1.196	1.193	1.429	1.427	1.244	1.241	1.167	1.111
0.006	1.192	1.189	1.426	1.424	1.240	1.238	1.161	1.092
0.007	1.190	1.186	1.423	1.420	1.238	1.235	1.155	1.066
0.008	1.187	1.184	1.420	1.417	1.235	1.232	1.151	1.047
0.009	1.185	1.181	1.418	1.415	1.233	1.229	1.146	1.029
0.010	1.183	1.179	1.416	1.412	1.231	1.227	1.143	1.012
0.020	1.169	1.161	1.401	1.394	1.216	1.209	1.122	0.875
0.030	1.161	1.149	1.392	1.382	1.208	1.197	1.107	0.731
0.040	1.155	1.139	1.387	1.372	1.203	1.187	1.099	0.603
0.050	1.152	1.130	1.383	1.369	1.199	1.178	1.095	0.493
0.060	1.148	1.121	1.380	1.363	1.196	1.170	1.093	0.426
0.070	1.146	1.113	1.378	1.356	1.193	1.162	1.094	0.348
0.080	1.144	1.116	1.376	1.351	1.192	1.165	1.091	0.286
0.090	1.143	1.110	1.375	1.345	1.190	1.159	1.090	0.236
0.100	1.142	1.104	1.374	1.339	1.189	1.152	1.089	0.196
0.200	1.143	1.032	1.380	1.273	1.192	1.083	1.101	0.048
0.300	1.150	0.940	1.391	1.185	1.200	0.993	1.126	0.019
0.400	1.161	0.834	1.407	1.080	1.211	0.888	1.141	0.009
0.500	1.174	0.726	1.424	0.968	1.225	0.780	1.159	0.005
0.600	1.188	0.624	1.442	0.857	1.240	0.676	1.178	0.004
0.700	1.203	0.533	1.462	0.754	1.256	0.583	1.197	0.002
0.800	1.219	0.455	1.480	0.660	1.272	0.501	1.217	0.002
0.900	1.233	0.389	1.497	0.578	1.287	0.431	1.237	0.001
1.000	1.247	0.334	1.515	0.507	1.302	0.372	1.256	0.001

Electrolyte	KHS		KI		KIO <sub>3</sub>		KIO <sub>4</sub>	
	Λ <sup>0</sup> =138.5 a=3.3		Λ <sup>0</sup> =150.4 a=3.88		Λ <sup>0</sup> =114.5 a=2.77		Λ <sup>0</sup> =128.0 a=2.31	
Conc.	Dof	Dpikal	Dof	Dpikal	Dof	Dpikal	Dof	Dpikal
0.000	1.836	1.837	2.001	2.001	1.401	1.401	1.666	1.666
0.001	1.808	1.807	1.970	1.969	1.378	1.377	1.640	1.639
0.002	1.798	1.796	1.960	1.958	1.370	1.368	1.630	1.629
0.003	1.791	1.789	1.952	1.950	1.364	1.362	1.623	1.622
0.004	1.785	1.783	1.945	1.943	1.360	1.357	1.618	1.617
0.005	1.780	1.778	1.940	1.938	1.356	1.353	1.615	1.612
0.006	1.776	1.774	1.936	1.933	1.352	1.349	1.610	1.608
0.007	1.772	1.770	1.932	1.929	1.349	1.346	1.607	1.604
0.008	1.769	1.766	1.928	1.925	1.346	1.343	1.603	1.600
0.009	1.766	1.763	1.925	1.922	1.344	1.340	1.600	1.597
0.010	1.763	1.760	1.922	1.919	1.342	1.338	1.598	1.595
0.020	1.743	1.738	1.902	1.897	1.325	1.319	1.578	1.573
0.030	1.732	1.724	1.891	1.882	1.315	1.306	1.565	1.559
0.040	1.724	1.713	1.884	1.874	1.308	1.296	1.556	1.548
0.050	1.719	1.704	1.878	1.866	1.303	1.287	1.550	1.538
0.060	1.715	1.696	1.874	1.859	1.300	1.280	1.545	1.529
0.070	1.712	1.689	1.871	1.853	1.297	1.272	1.541	1.521
0.080	1.709	1.682	1.869	1.847	1.296	1.266	1.538	1.514
0.090	1.708	1.676	1.868	1.841	1.294	1.259	1.536	1.507
0.100	1.706	1.670	1.867	1.836	1.292	1.253	1.534	1.505
0.200	1.709	1.631	1.875	1.778	1.289	1.192	1.528	1.456
0.300	1.724	1.572	1.893	1.702	1.298	1.124	1.536	1.407
0.400	1.742	1.500	1.915	1.607	1.310	1.048	1.550	1.354
0.500	1.762	1.416	1.939	1.499	1.323	0.967	1.568	1.296
0.600	1.785	1.326	1.965	1.385	1.338	0.885	1.585	1.235
0.700	1.808	1.234	1.991	1.271	1.354	0.849	1.603	1.171
0.800	1.832	1.142	2.016	1.160	1.371	0.770	1.622	1.107
0.900	1.858	1.053	2.041	1.056	1.389	0.696	1.642	1.044
1.000	1.880	0.969	2.066	0.960	1.406	0.628	1.663	0.982

Electrolyte	KMnO <sub>4</sub>		KNO <sub>2</sub>		KNO <sub>3</sub>		KOH	
	Λ <sup>0</sup> =136.3 a=3.3		Λ <sup>0</sup> =145.5 a=3.0		Λ <sup>0</sup> =144.92 a=3.5		Λ <sup>0</sup> =271.1 a=3.3	
Conc.	Dof	Dpikal	Dof	Dpikal	Dof	Dpikal	Dof	Dpikal
0.000	1.803	1.803	1.936	1.937	1.929	1.929	2.852	2.853
0.001	1.775	1.774	1.907	1.905	1.899	1.897	2.803	2.800
0.002	1.765	1.764	1.896	1.894	1.887	1.886	2.784	2.781
0.003	1.759	1.756	1.888	1.886	1.880	1.877	2.771	2.767
0.004	1.753	1.750	1.882	1.879	1.873	1.870	2.760	2.756
0.005	1.748	1.745	1.877	1.874	1.867	1.864	2.751	2.747
0.006	1.744	1.741	1.872	1.869	1.861	1.859	2.743	2.739
0.007	1.740	1.737	1.868	1.865	1.857	1.854	2.736	2.731
0.008	1.737	1.734	1.864	1.861	1.852	1.850	2.729	2.725
0.009	1.734	1.731	1.861	1.858	1.848	1.846	2.723	2.719
0.010	1.731	1.728	1.858	1.855	1.845	1.842	2.718	2.713
0.020	1.712	1.707	1.836	1.831	1.817	1.812	2.680	2.672
0.030	1.700	1.693	1.823	1.816	1.797	1.790	2.657	2.645
0.040	1.693	1.682	1.814	1.804	1.782	1.772	2.640	2.625
0.050	1.688	1.673	1.808	1.794	1.769	1.755	2.628	2.608
0.060	1.684	1.665	1.803	1.786	1.758	1.740	2.619	2.594
0.070	1.681	1.658	1.800	1.779	1.747	1.725	2.611	2.582
0.080	1.678	1.651	1.797	1.772	1.736	1.711	2.604	2.570
0.090	1.677	1.645	1.794	1.765	1.727	1.698	2.599	2.560
0.100	1.675	1.639	1.792	1.759	1.718	1.684	2.595	2.550
0.200	1.678	1.600	1.792	1.704	1.643	1.556	2.584	2.480
0.300	1.693	1.540	1.806	1.644	1.579	1.453	2.596	2.382
0.400	1.710	1.467	1.823	1.614	1.518	1.327	2.617	2.255
0.500	1.731	1.383	1.843	1.544	1.460	1.200	2.643	2.104
0.600	1.752	1.293	1.866	1.466	1.404	1.074	2.672	1.936
0.700	1.775	1.200	1.889	1.384	1.348	0.955	2.703	1.763
0.800	1.799	1.108	1.914	1.300	1.293	0.844	2.735	1.592
0.900	1.824	1.020	1.939	1.217	1.239	0.741	2.770	1.429
1.000	1.846	0.937	1.964	1.136	1.186	0.649	2.802	1.279

Electrolyte	KSCN		K <sub>2</sub> SO <sub>3</sub>		K <sub>2</sub> SO <sub>4</sub>		K <sub>2</sub> SeO <sub>4</sub>	
	Λ <sup>0</sup> =140.0 a=3.3		Λ <sup>0</sup> =145.5 a=3.8		Λ <sup>0</sup> =153.3 a=3.0		Λ <sup>0</sup> =149.2 a=3.5	
Conc.	Dof	Dpikal	Dof	Dpikal	Dof	Dpikal	Dof	Dpikal
0.000	1.859	1.859	1.452	1.453	1.528	1.528	1.489	1.489
0.001	1.830	1.829	1.381	1.372	1.453	1.446	1.416	1.406
0.002	1.820	1.818	1.358	1.338	1.429	1.410	1.393	1.377
0.003	1.813	1.811	1.343	1.313	1.412	1.384	1.377	1.354
0.004	1.807	1.805	1.332	1.291	1.398	1.362	1.365	1.334
0.005	1.802	1.799	1.323	1.271	1.388	1.348	1.355	1.315
0.006	1.798	1.795	1.315	1.262	1.379	1.330	1.347	1.298
0.007	1.794	1.791	1.309	1.246	1.371	1.313	1.340	1.272
0.008	1.790	1.788	1.304	1.230	1.364	1.297	1.334	1.255
0.009	1.787	1.784	1.299	1.214	1.358	1.280	1.329	1.239
0.010	1.784	1.781	1.295	1.198	1.353	1.265	1.324	1.223
0.020	1.764	1.760	1.267	1.050	1.320	1.115	1.295	1.098
0.030	1.753	1.745	1.252	0.938	1.300	1.009	1.277	0.960
0.040	1.745	1.734	1.244	0.800	1.286	0.884	1.267	0.830
0.050	1.740	1.725	1.239	0.672	1.277	0.762	1.261	0.709
0.060	1.736	1.717	1.238	0.559	1.271	0.661	1.258	0.631
0.070	1.733	1.710	1.235	0.465	1.267	0.572	1.257	0.534
0.080	1.730	1.703	1.233	0.388	1.265	0.520	1.254	0.451
0.090	1.728	1.697	1.232	0.324	1.267	0.451	1.252	0.382
0.100	1.727	1.691	1.232	0.282	1.264	0.391	1.251	0.325
0.200	1.730	1.652	1.251	0.068	1.267	0.118	1.266	0.087
0.300	1.744	1.593	1.275	0.027	1.292	0.049	1.294	0.034
0.400	1.762	1.521	1.296	0.013	1.323	0.025	1.315	0.017
0.500	1.783	1.438	1.319	0.008	1.345	0.015	1.338	0.010
0.600	1.806	1.348	1.343	0.005	1.368	0.010	1.362	0.007
0.700	1.829	1.255	1.367	0.003	1.393	0.007	1.387	0.005
0.800	1.853	1.163	1.390	0.003	1.418	0.005	1.411	0.003
0.900	1.880	1.074	1.414	0.002	1.444	0.004	1.436	0.002
1.000	1.903	0.990	1.437	0.001	1.469	0.003	1.460	0.002

Electrolyte	LaBr <sub>3</sub>		La(C <sub>2</sub> H <sub>3</sub> O <sub>2</sub> ) <sub>3</sub>		LaCl <sub>3</sub>		La(ClO <sub>4</sub> ) <sub>3</sub>	
	Λ <sup>0</sup> =148.1 a=6.0		Λ <sup>0</sup> =110.7 a=6.8		Λ <sup>0</sup> =146.0 a=5.75		Λ <sup>0</sup> =137.0 a=6.3	
Conc.	Dof	Dpikal	Dof	Dpikal	Dof	Dpikal	Dof	Dpikal
0.000	1.310	1.310	0.916	0.916	1.293	1.294	1.167	1.167
0.001	1.218	1.143	0.847	0.820	1.192	1.116	1.088	1.018
0.002	1.201	1.064	0.834	0.775	1.166	1.039	1.074	0.952
0.003	1.194	0.995	0.825	0.730	1.152	0.958	1.068	0.877
0.004	1.186	0.911	0.820	0.678	1.137	0.874	1.061	0.797
0.005	1.180	0.823	0.816	0.621	1.125	0.800	1.057	0.713
0.006	1.177	0.734	0.813	0.561	1.114	0.715	1.055	0.639
0.007	1.174	0.649	0.811	0.509	1.106	0.632	1.053	0.560
0.008	1.173	0.579	0.810	0.452	1.098	0.556	1.052	0.487
0.009	1.172	0.506	0.810	0.399	1.091	0.486	1.052	0.422
0.010	1.171	0.441	0.809	0.351	1.085	0.424	1.055	0.365
0.020	1.169	0.127	0.805	0.104	1.035	0.121	1.051	0.101
0.030	1.173	0.050	0.809	0.041	1.001	0.047	1.057	0.039
0.040	1.182	0.025	0.814	0.021	0.977	0.023	1.070	0.020
0.050	1.192	0.014	0.816	0.012	0.962	0.013	1.072	0.011
0.060	1.195	0.009	0.819	0.008	0.942	0.008	1.075	0.007
0.070	1.199	0.006	0.822	0.005	0.927	0.005	1.078	0.005
0.080	1.203	0.004	0.826	0.004	0.914	0.004	1.082	0.003
0.090	1.207	0.003	0.829	0.003	0.904	0.003	1.087	0.003
0.100	1.212	0.003	0.832	0.002	0.897	0.002	1.091	0.002
0.200	1.257	0.000	0.863	0.000	0.905	0.000	1.132	0.000
0.300	1.296	0.000	0.888	0.000	1.005	0.000	1.166	0.000
0.400	1.604	0.000	1.061	0.000	1.163	0.000	1.452	0.000
0.500	1.693	0.000	1.111	0.000	1.697	0.000	1.531	0.000
0.600	1.775	0.000	1.157	0.000	2.047	0.000	1.605	0.000
0.700	1.853	0.000	1.200	0.000	2.445	0.000	1.675	0.000
0.800	1.928	0.000	1.241	0.000	2.889	0.000	1.742	0.000
0.900	2.000	0.000	1.281	0.000	3.375	0.000	1.806	0.000
1.000	2.070	0.000	1.320	0.000	3.901	0.000	1.869	0.000

Electrolyte	LiBrO <sub>3</sub>		LiCHO <sub>2</sub>		LiC <sub>2</sub> H <sub>3</sub> O <sub>2</sub>		LiCl	
	Λ <sup>0</sup> =94.48 a=4.8		Λ <sup>0</sup> =93.78 a=4.8		Λ <sup>0</sup> =79.68 a=5.3		Λ <sup>0</sup> =114.98 a=4.25	
Conc.	Dof	Dpikal	Dof	Dpikal	Dof	Dpikal	Dof	Dpikal
0.000	1.216	1.216	1.210	1.210	1.060	1.060	1.319	1.319
0.001	1.198	1.197	1.192	1.191	1.045	1.044	1.297	1.295
0.002	1.192	1.190	1.186	1.184	1.040	1.039	1.289	1.287
0.003	1.187	1.186	1.181	1.180	1.036	1.035	1.284	1.282
0.004	1.184	1.182	1.178	1.176	1.033	1.032	1.279	1.277
0.005	1.181	1.179	1.175	1.173	1.031	1.030	1.276	1.274
0.006	1.178	1.177	1.172	1.171	1.029	1.028	1.273	1.270
0.007	1.176	1.174	1.170	1.168	1.028	1.026	1.270	1.268
0.008	1.174	1.172	1.168	1.166	1.026	1.025	1.268	1.266
0.009	1.173	1.171	1.167	1.165	1.025	1.023	1.266	1.263
0.010	1.171	1.169	1.165	1.163	1.024	1.022	1.264	1.261
0.020	1.162	1.157	1.156	1.151	1.017	1.013	1.253	1.247
0.030	1.157	1.149	1.151	1.143	1.014	1.006	1.247	1.239
0.040	1.153	1.142	1.148	1.137	1.012	1.000	1.244	1.232
0.050	1.151	1.136	1.146	1.131	1.011	0.995	1.242	1.227
0.060	1.150	1.131	1.144	1.125	1.010	0.990	1.242	1.222
0.070	1.149	1.125	1.144	1.119	1.010	0.984	1.242	1.217
0.080	1.149	1.119	1.143	1.114	1.011	0.978	1.243	1.213
0.090	1.149	1.113	1.144	1.107	1.012	0.971	1.244	1.208
0.100	1.150	1.106	1.144	1.101	1.012	0.965	1.245	1.203
0.200	1.158	1.022	1.152	1.017	1.022	0.873	1.270	1.135
0.300	1.172	0.908	1.166	0.904	1.035	0.756	1.301	1.032
0.400	1.187	0.784	1.181	0.781	1.050	0.636	1.336	0.909
0.500	1.203	0.665	1.197	0.662	1.063	0.528	1.372	0.783
0.600	1.218	0.560	1.212	0.558	1.077	0.437	1.408	0.667
0.700	1.233	0.471	1.227	0.469	1.091	0.363	1.444	0.565
0.800	1.248	0.397	1.242	0.397	1.105	0.304	1.480	0.480
0.900	1.264	0.338	1.258	0.337	1.119	0.257	1.516	0.409
1.000	1.279	0.289	1.273	0.288	1.133	0.220	1.552	0.351

Electrolyte	LiClO <sub>3</sub>		LiClO <sub>4</sub>		Li <sub>2</sub> CrO <sub>4</sub>		LiF	
	Λ <sup>0</sup> =103.28 a=4.8		Λ <sup>0</sup> =105.98 a=5.0		Λ <sup>0</sup> =123.68 a=5.0		Λ <sup>0</sup> =94.08 a=3.72	
Conc.	Dof	Dpikal	Dof	Dpikal	Dof	Dpikal	Dof	Dpikal
0.000	1.288	1.288	1.264	1.264	1.061	1.062	1.213	1.213
0.001	1.268	1.267	1.244	1.243	1.012	1.009	1.194	1.193
0.002	1.261	1.260	1.237	1.236	0.997	0.992	1.188	1.186
0.003	1.256	1.254	1.232	1.231	0.987	0.977	1.183	1.182
0.004	1.252	1.250	1.229	1.227	0.980	0.966	1.180	1.178
0.005	1.249	1.247	1.226	1.224	0.974	0.957	1.177	1.175
0.006	1.246	1.244	1.223	1.221	0.970	0.948	1.174	1.172
0.007	1.244	1.242	1.221	1.219	0.966	0.940	1.172	1.169
0.008	1.242	1.239	1.220	1.217	0.963	0.932	1.170	1.167
0.009	1.240	1.237	1.218	1.215	0.960	0.930	1.168	1.165
0.010	1.238	1.236	1.217	1.214	0.957	0.923	1.166	1.163
0.020	1.227	1.222	1.209	1.203	0.941	0.853	1.155	1.150
0.030	1.221	1.213	1.206	1.197	0.935	0.774	1.149	1.141
0.040	1.217	1.206	1.206	1.193	0.932	0.688	1.145	1.133
0.050	1.215	1.199	1.206	1.189	0.930	0.620	1.143	1.126
0.060	1.213	1.193	1.208	1.186	0.929	0.536	1.140	1.125
0.070	1.212	1.186	1.210	1.182	0.930	0.458	1.139	1.120
0.080	1.211	1.180	1.213	1.178	0.931	0.390	1.138	1.116
0.090	1.211	1.173	1.216	1.174	0.932	0.332	1.137	1.111
0.100	1.212	1.167	1.220	1.169	0.934	0.283	1.137	1.106
0.200	1.219	1.076	1.260	1.094	0.953	0.074	1.144	1.049
0.300	1.233	0.953	1.307	0.976	0.972	0.030	1.154	0.973
0.400	1.248	0.818	1.356	0.839	0.992	0.015	1.168	0.883
0.500	1.264	0.689	1.403	0.708	1.011	0.009	1.183	0.788
0.600	1.280	0.576	1.452	0.592	1.029	0.006	1.199	0.696
0.700	1.295	0.480	1.500	0.496	1.047	0.004	1.216	0.612
0.800	1.311	0.402	1.549	0.417	1.065	0.003	1.231	0.536
0.900	1.327	0.339	1.597	0.354	1.082	0.002	1.246	0.470
1.000	1.344	0.288	1.646	0.303	1.099	0.002	1.261	0.412

Electrolyte	LiI		LiIO <sub>3</sub>		LiNO <sub>2</sub>		LiNO <sub>3</sub>	
	Λ <sup>0</sup> =115.58 a=5.88		Λ <sup>0</sup> =79.68 a=5.3		Λ <sup>0</sup> =110.68 a=3.93		Λ <sup>0</sup> =110.1 a=2.64	
Conc.	Dof	Dpikal	Dof	Dpikal	Dof	Dpikal	Dof	Dpikal
0.000	1.370	1.370	1.060	1.060	1.340	1.340	1.336	1.336
0.001	1.348	1.347	1.045	1.044	1.318	1.317	1.314	1.313
0.002	1.340	1.339	1.040	1.039	1.310	1.308	1.306	1.304
0.003	1.335	1.333	1.036	1.035	1.305	1.303	1.300	1.299
0.004	1.331	1.329	1.033	1.032	1.300	1.298	1.296	1.294
0.005	1.327	1.325	1.031	1.030	1.297	1.294	1.292	1.290
0.006	1.325	1.322	1.029	1.028	1.293	1.291	1.289	1.286
0.007	1.322	1.320	1.028	1.026	1.291	1.288	1.286	1.283
0.008	1.320	1.317	1.026	1.025	1.288	1.285	1.283	1.280
0.009	1.318	1.315	1.025	1.023	1.286	1.283	1.281	1.277
0.010	1.316	1.313	1.024	1.022	1.284	1.281	1.279	1.275
0.020	1.305	1.299	1.017	1.013	1.270	1.264	1.263	1.257
0.030	1.299	1.289	1.014	1.006	1.262	1.255	1.253	1.245
0.040	1.295	1.280	1.012	1.000	1.258	1.247	1.246	1.236
0.050	1.293	1.273	1.011	0.995	1.254	1.240	1.242	1.228
0.060	1.292	1.265	1.010	0.990	1.251	1.233	1.238	1.221
0.070	1.292	1.256	1.010	0.984	1.249	1.227	1.235	1.214
0.080	1.291	1.247	1.011	0.978	1.247	1.221	1.234	1.208
0.090	1.291	1.238	1.012	0.971	1.246	1.216	1.233	1.202
0.100	1.291	1.228	1.012	0.965	1.246	1.210	1.231	1.197
0.200	1.301	1.090	1.022	0.873	1.250	1.138	1.227	1.143
0.300	1.317	0.910	1.035	0.756	1.261	1.042	1.235	1.082
0.400	1.332	0.731	1.050	0.636	1.274	0.929	1.247	1.013
0.500	1.348	0.578	1.063	0.528	1.290	0.812	1.259	0.938
0.600	1.365	0.457	1.077	0.437	1.308	0.701	1.273	0.861
0.700	1.382	0.364	1.091	0.363	1.323	0.602	1.288	0.785
0.800	1.399	0.294	1.105	0.304	1.339	0.516	1.304	0.712
0.900	1.416	0.240	1.119	0.257	1.355	0.443	1.320	0.672
1.000	1.432	0.199	1.133	0.220	1.371	0.382	1.337	0.607

Electrolyte	Li <sub>2</sub> SO <sub>4</sub>		MgBr <sub>2</sub>		Mg(BrO <sub>3</sub> ) <sub>2</sub>		Mg(C <sub>2</sub> H <sub>3</sub> O <sub>2</sub> ) <sub>2</sub>	
	Λ <sup>0</sup> =118.48 a=3.9		Λ <sup>0</sup> =131.46 a=5.5		Λ <sup>0</sup> =108.86 a=5.8		Λ <sup>0</sup> =94.06 a=6.3	
Conc.	Dof	Dpikal	Dof	Dpikal	Dof	Dpikal	Dof	Dpikal
0.000	1.003	1.003	1.264	1.264	1.086	1.086	0.924	0.924
0.001	0.956	0.952	1.210	1.188	1.040	1.028	0.884	0.878
0.002	0.941	0.934	1.195	1.161	1.028	1.009	0.874	0.864
0.003	0.931	0.920	1.186	1.146	1.020	0.995	0.868	0.853
0.004	0.923	0.912	1.180	1.129	1.015	0.982	0.863	0.843
0.005	0.917	0.902	1.175	1.114	1.011	0.971	0.860	0.834
0.006	0.912	0.893	1.172	1.100	1.009	0.959	0.857	0.826
0.007	0.908	0.885	1.169	1.085	1.006	0.948	0.855	0.823
0.008	0.904	0.876	1.166	1.071	1.003	0.937	0.853	0.815
0.009	0.901	0.869	1.163	1.056	1.001	0.925	0.851	0.806
0.010	0.898	0.863	1.161	1.041	0.999	0.914	0.850	0.797
0.020	0.878	0.790	1.150	0.868	0.990	0.786	0.844	0.683
0.030	0.868	0.734	1.148	0.690	0.988	0.621	0.841	0.542
0.040	0.861	0.662	1.146	0.513	0.987	0.466	0.841	0.412
0.050	0.858	0.588	1.146	0.376	0.988	0.346	0.842	0.307
0.060	0.855	0.520	1.147	0.277	0.989	0.257	0.843	0.233
0.070	0.852	0.457	1.150	0.207	0.992	0.194	0.846	0.176
0.080	0.850	0.414	1.152	0.158	0.994	0.149	0.849	0.135
0.090	0.849	0.361	1.155	0.123	0.997	0.117	0.851	0.105
0.100	0.848	0.315	1.158	0.098	1.001	0.093	0.852	0.084
0.200	0.851	0.093	1.182	0.019	1.020	0.018	0.869	0.017
0.300	0.856	0.038	1.206	0.007	1.041	0.007	0.887	0.006
0.400	0.860	0.019	1.230	0.003	1.062	0.003	0.904	0.003
0.500	0.865	0.011	1.253	0.002	1.081	0.002	0.921	0.002
0.600	0.869	0.007	1.275	0.001	1.100	0.001	0.936	0.001
0.700	0.874	0.005	1.296	0.001	1.119	0.001	1.029	0.001
0.800	0.879	0.004	1.317	0.001	1.137	0.001	1.054	0.001
0.900	0.883	0.003	1.337	0.000	1.275	0.000	1.078	0.000
1.000	0.887	0.002	1.520	0.000	1.304	0.000	1.101	0.000



Electrolyte	MgC <sub>2</sub> O <sub>4</sub>		MgCl <sub>2</sub>		Mg(ClO <sub>4</sub> ) <sub>2</sub>		MgCrO <sub>4</sub>	
	Λ <sup>0</sup> =101.86 a=6.3		Λ <sup>0</sup> =129.36 a=5.5		Λ <sup>0</sup> =120.36 a=5.8		Λ <sup>0</sup> =138.06 a=6.0	
Conc.	Dof	Dpikal	Dof	Dpikal	Dof	Dpikal	Dof	Dpikal
0.000	0.677	0.677	1.249	1.249	1.185	1.185	0.870	0.870
0.001	0.574	0.576	1.196	1.176	1.135	1.118	0.738	0.735
0.002	0.543	0.542	1.181	1.151	1.121	1.096	0.698	0.691
0.003	0.523	0.517	1.172	1.131	1.113	1.079	0.672	0.660
0.004	0.510	0.497	1.165	1.112	1.107	1.065	0.655	0.636
0.005	0.500	0.479	1.160	1.096	1.103	1.051	0.642	0.615
0.006	0.492	0.467	1.157	1.081	1.100	1.038	0.632	0.598
0.007	0.486	0.455	1.154	1.067	1.097	1.025	0.625	0.583
0.008	0.482	0.444	1.151	1.053	1.094	1.011	0.620	0.569
0.009	0.480	0.434	1.149	1.039	1.092	0.998	0.617	0.563
0.010	0.479	0.425	1.147	1.025	1.090	0.984	0.615	0.553
0.020	0.507	0.362	1.133	0.886	1.080	0.835	0.652	0.484
0.030	0.575	0.320	1.130	0.714	1.078	0.648	0.740	0.432
0.040	0.666	0.311	1.131	0.551	1.077	0.479	0.857	0.385
0.050	0.771	0.282	1.130	0.418	1.078	0.350	0.993	0.342
0.060	0.890	0.257	1.131	0.322	1.080	0.257	1.142	0.321
0.070	1.011	0.235	1.133	0.246	1.082	0.192	1.305	0.286
0.080	1.138	0.216	1.135	0.190	1.085	0.147	1.470	0.256
0.090	1.269	0.199	1.138	0.150	1.088	0.115	1.641	0.230
0.100	1.405	0.185	1.142	0.119	1.092	0.091	1.817	0.208
0.200	2.903	0.105	1.173	0.024	1.113	0.018	3.767	0.099
0.300	4.533	0.074	1.201	0.009	1.136	0.006	5.895	0.062
0.400	6.231	0.056	1.229	0.004	1.158	0.003	8.114	0.043
0.500	7.972	0.045	1.257	0.003	1.179	0.002	10.390	0.033
0.600	11.507	0.038	1.285	0.002	1.200	0.001	14.512	0.026
0.700	13.880	0.033	1.312	0.001	1.220	0.001	17.461	0.021
0.800	16.332	0.029	1.339	0.001	1.239	0.001	20.500	0.018
0.900	18.856	0.025	1.365	0.001	1.393	0.000	23.618	0.015
1.000	21.446	0.023	1.390	0.000	1.424	0.000	26.810	0.013

Electrolyte	Mg <sub>2</sub> Fe(CN) <sub>6</sub>		MgI <sub>2</sub>		Mg(IO <sub>3</sub> ) <sub>2</sub>		Mg(NO <sub>2</sub> ) <sub>2</sub>	
	Λ <sup>0</sup> =161.16 a=7.5		Λ <sup>0</sup> =129.96 a=5.5		Λ <sup>0</sup> =94.06 a=6.3		Λ <sup>0</sup> =125.06 a=5.5	
Conc.	Dof	Dpikal	Dof	Dpikal	Dof	Dpikal	Dof	Dpikal
0.000	0.711	0.711	1.254	1.254	0.924	0.924	1.220	1.220
0.001	0.728	0.624	1.201	1.179	0.884	0.878	1.168	1.148
0.002	0.736	0.450	1.186	1.153	0.874	0.864	1.154	1.123
0.003	0.743	0.336	1.177	1.137	0.868	0.853	1.145	1.109
0.004	0.750	0.242	1.171	1.121	0.863	0.843	1.139	1.093
0.005	0.752	0.182	1.166	1.106	0.860	0.834	1.135	1.079
0.006	0.754	0.135	1.163	1.092	0.857	0.826	1.131	1.066
0.007	0.756	0.104	1.160	1.078	0.855	0.823	1.129	1.052
0.008	0.758	0.080	1.157	1.064	0.853	0.815	1.126	1.039
0.009	0.760	0.065	1.154	1.049	0.851	0.806	1.123	1.025
0.010	0.762	0.052	1.152	1.034	0.850	0.797	1.121	1.011
0.020	0.772	0.011	1.141	0.863	0.844	0.683	1.110	0.848
0.030	0.772	0.004	1.139	0.687	0.841	0.542	1.108	0.678
0.040	0.773	0.002	1.137	0.512	0.841	0.412	1.106	0.508
0.050	0.774	0.001	1.137	0.375	0.842	0.307	1.107	0.374
0.060	0.776	0.001	1.138	0.277	0.843	0.233	1.108	0.277
0.070	0.777	0.000	1.141	0.208	0.846	0.176	1.110	0.208
0.080	0.779	0.000	1.143	0.159	0.849	0.135	1.113	0.159
0.090	0.780	0.000	1.146	0.123	0.851	0.105	1.116	0.124
0.100	0.781	0.000	1.150	0.098	0.852	0.084	1.119	0.098
0.200	1.028	0.000	1.173	0.019	0.869	0.017	1.142	0.019
0.300	1.116	0.000	1.197	0.007	0.887	0.006	1.165	0.007
0.400	1.193	0.000	1.220	0.003	0.904	0.003	1.188	0.004
0.500	1.263	0.000	1.243	0.002	0.921	0.002	1.210	0.002
0.600	1.329	0.000	1.265	0.001	0.936	0.001	1.232	0.001
0.700	1.391	0.000	1.286	0.001	1.029	0.001	1.252	0.001
0.800	1.450	0.000	1.307	0.001	1.054	0.001	1.273	0.001
0.900	1.508	0.000	1.327	0.000	1.078	0.000	1.292	0.000
1.000	1.563	0.000	1.508	0.000	1.101	0.000	1.467	0.000

Electrolyte	Mg(NO <sub>3</sub> ) <sub>2</sub>		MgSO <sub>4</sub>		MgS <sub>2</sub> O <sub>3</sub>		MnBr <sub>2</sub>	
	Λ <sup>0</sup> =124.48 a=5.5		Λ <sup>0</sup> =132.86 a=3.9		Λ <sup>0</sup> =140.46 a=6.0		Λ <sup>0</sup> =131.9 a=4.5	
Conc.	Dof	Dpikal	Dof	Dpikal	Dof	Dpikal	Dof	Dpikal
0.000	1.216	1.216	0.848	0.848	0.879	0.879	1.270	1.270
0.001	1.164	1.145	0.725	0.762	0.746	0.743	1.216	1.193
0.002	1.150	1.120	0.688	0.751	0.705	0.698	1.200	1.166
0.003	1.141	1.105	0.665	0.696	0.679	0.666	1.190	1.145
0.004	1.135	1.090	0.650	0.683	0.662	0.642	1.183	1.133
0.005	1.131	1.076	0.639	0.672	0.648	0.621	1.178	1.118
0.006	1.127	1.062	0.632	0.661	0.638	0.604	1.173	1.104
0.007	1.125	1.049	0.627	0.652	0.631	0.588	1.170	1.090
0.008	1.122	1.036	0.624	0.643	0.626	0.574	1.167	1.077
0.009	1.119	1.022	0.623	0.634	0.623	0.568	1.165	1.063
0.010	1.117	1.008	0.624	0.626	0.621	0.558	1.164	1.050
0.020	1.106	0.846	0.671	0.541	0.659	0.487	1.148	0.898
0.030	1.105	0.677	0.772	0.504	0.747	0.434	1.143	0.753
0.040	1.103	0.507	0.907	0.473	0.865	0.385	1.144	0.595
0.050	1.103	0.374	1.055	0.445	1.003	0.341	1.142	0.460
0.060	1.104	0.277	1.217	0.460	1.154	0.318	1.141	0.354
0.070	1.106	0.208	1.391	0.437	1.318	0.282	1.142	0.274
0.080	1.109	0.159	1.575	0.415	1.484	0.252	1.144	0.215
0.090	1.112	0.124	1.767	0.393	1.657	0.226	1.146	0.170
0.100	1.115	0.099	1.966	0.372	1.836	0.204	1.148	0.137
0.200	1.138	0.019	4.180	0.241	3.805	0.096	1.177	0.028
0.300	1.161	0.007	6.531	0.160	5.955	0.059	1.198	0.010
0.400	1.184	0.004	8.979	0.117	8.196	0.041	1.222	0.005
0.500	1.206	0.002	11.490	0.090	10.496	0.031	1.245	0.003
0.600	1.227	0.001	14.044	0.073	14.641	0.025	1.268	0.002
0.700	1.248	0.001	16.630	0.060	17.615	0.020	1.291	0.001
0.800	1.268	0.001	19.242	0.051	20.677	0.017	1.313	0.001
0.900	1.288	0.000	21.875	0.044	23.820	0.015	1.334	0.001
1.000	1.462	0.000	24.525	0.038	27.037	0.013	1.356	0.001

Electrolyte	MnCl <sub>2</sub>		Mn(ClO <sub>4</sub> ) <sub>2</sub>		Mn(NO <sub>3</sub> ) <sub>2</sub>		MnSO <sub>4</sub>	
	Λ <sup>0</sup> =129.8 a=4.5		Λ <sup>0</sup> =120.8 a=4.8		Λ <sup>0</sup> =124.92 a=4.5		Λ <sup>0</sup> =133.3 a=5.0	
Conc.	Dof	Dpikal	Dof	Dpikal	Dof	Dpikal	Dof	Dpikal
0.000	1.256	1.256	1.190	1.190	1.221	1.222	0.853	0.853
0.001	1.202	1.181	1.140	1.123	1.170	1.150	0.726	0.729
0.002	1.187	1.154	1.125	1.100	1.154	1.124	0.687	0.691
0.003	1.177	1.133	1.116	1.083	1.145	1.105	0.663	0.664
0.004	1.170	1.122	1.110	1.068	1.138	1.094	0.646	0.642
0.005	1.165	1.107	1.105	1.050	1.133	1.080	0.635	0.624
0.006	1.161	1.093	1.101	1.037	1.129	1.067	0.627	0.608
0.007	1.157	1.080	1.098	1.024	1.126	1.054	0.620	0.588
0.008	1.155	1.066	1.096	1.012	1.123	1.041	0.616	0.577
0.009	1.152	1.053	1.094	0.999	1.121	1.029	0.613	0.566
0.010	1.151	1.040	1.091	0.987	1.120	1.016	0.612	0.557
0.020	1.135	0.891	1.078	0.863	1.104	0.874	0.653	0.495
0.030	1.130	0.748	1.074	0.706	1.099	0.737	0.746	0.454
0.040	1.132	0.592	1.074	0.555	1.101	0.586	0.865	0.452
0.050	1.129	0.459	1.073	0.427	1.098	0.456	1.003	0.422
0.060	1.129	0.354	1.073	0.327	1.098	0.353	1.156	0.391
0.070	1.130	0.274	1.074	0.256	1.099	0.274	1.319	0.362
0.080	1.131	0.215	1.076	0.200	1.100	0.215	1.491	0.335
0.090	1.133	0.171	1.078	0.158	1.102	0.171	1.671	0.310
0.100	1.135	0.137	1.081	0.126	1.104	0.138	1.862	0.288
0.200	1.164	0.028	1.106	0.025	1.132	0.028	3.855	0.159
0.300	1.185	0.010	1.127	0.010	1.153	0.011	6.029	0.102
0.400	1.208	0.005	1.150	0.005	1.176	0.005	8.295	0.073
0.500	1.231	0.003	1.172	0.003	1.198	0.003	10.619	0.056
0.600	1.254	0.002	1.193	0.002	1.220	0.002	12.984	0.045
0.700	1.277	0.001	1.214	0.001	1.242	0.001	15.380	0.037
0.800	1.298	0.001	1.235	0.001	1.264	0.001	17.801	0.031
0.900	1.320	0.001	1.255	0.001	1.284	0.001	24.429	0.027
1.000	1.341	0.001	1.274	0.001	1.305	0.001	27.787	0.023

Electrolyte	NH <sub>4</sub> Br		NH <sub>4</sub> ClO <sub>2</sub>		NH <sub>4</sub> C <sub>2</sub> H <sub>3</sub> O <sub>2</sub>		(NH <sub>4</sub> ) <sub>2</sub> C <sub>2</sub> O <sub>4</sub>	
	Λ <sup>0</sup> =152.1 a=2.8		Λ <sup>0</sup> =128.8 a=3.0		Λ <sup>0</sup> =114.7 a=3.5		Λ <sup>0</sup> =122.5 a=3.5	
Conc.	Dof	Dpikal	Dof	Dpikal	Dof	Dpikal	Dof	Dpikal
0.000	2.023	2.023	1.679	1.679	1.403	1.403	1.172	1.173
0.001	1.991	1.990	1.653	1.651	1.380	1.379	1.113	1.096
0.002	1.980	1.978	1.643	1.641	1.372	1.370	1.095	1.068
0.003	1.972	1.969	1.637	1.634	1.366	1.364	1.083	1.044
0.004	1.965	1.962	1.631	1.629	1.361	1.359	1.074	1.022
0.005	1.960	1.957	1.627	1.624	1.358	1.355	1.067	1.001
0.006	1.955	1.952	1.623	1.620	1.354	1.351	1.061	0.981
0.007	1.950	1.947	1.619	1.616	1.351	1.348	1.056	0.954
0.008	1.946	1.943	1.616	1.613	1.348	1.345	1.052	0.935
0.009	1.943	1.939	1.613	1.610	1.346	1.343	1.049	0.916
0.010	1.939	1.936	1.610	1.607	1.344	1.340	1.046	0.898
0.020	1.916	1.911	1.592	1.587	1.329	1.322	1.028	0.758
0.030	1.901	1.894	1.581	1.573	1.320	1.310	1.015	0.614
0.040	1.891	1.882	1.573	1.563	1.314	1.300	1.008	0.493
0.050	1.884	1.872	1.568	1.554	1.311	1.291	1.005	0.394
0.060	1.879	1.863	1.564	1.546	1.307	1.283	1.003	0.336
0.070	1.875	1.855	1.562	1.539	1.305	1.276	1.005	0.270
0.080	1.872	1.848	1.559	1.532	1.303	1.268	1.002	0.218
0.090	1.869	1.841	1.557	1.526	1.301	1.261	1.001	0.178
0.100	1.866	1.835	1.555	1.520	1.300	1.267	1.000	0.147
0.200	1.862	1.782	1.555	1.462	1.304	1.204	1.010	0.035
0.300	1.877	1.727	1.569	1.397	1.313	1.123	1.033	0.013
0.400	1.893	1.664	1.583	1.364	1.326	1.027	1.044	0.007
0.500	1.913	1.595	1.601	1.288	1.342	0.923	1.059	0.004
0.600	1.935	1.570	1.620	1.206	1.359	0.820	1.074	0.003
0.700	1.959	1.495	1.641	1.122	1.376	0.722	1.091	0.002
0.800	1.984	1.417	1.662	1.038	1.395	0.634	1.108	0.001
0.900	2.009	1.338	1.684	0.957	1.412	0.556	1.124	0.001
1.000	2.035	1.260	1.706	0.880	1.428	0.488	1.141	0.001

Electrolyte	NH <sub>4</sub> Cl		NH <sub>4</sub> ClO <sub>4</sub>		(NH <sub>4</sub> ) <sub>2</sub> CrO <sub>4</sub>		NH <sub>4</sub> F	
	Λ <sup>0</sup> =150.0 a=2.8		Λ <sup>0</sup> =141.0 a=3.0		Λ <sup>0</sup> =122.5 a=3.3		Λ <sup>0</sup> =129.1 a=3.0	
Conc.	Dof	Dpikal	Dof	Dpikal	Dof	Dpikal	Dof	Dpikal
0.000	1.996	1.996	1.873	1.873	1.172	1.173	1.684	1.684
0.001	1.965	1.964	1.844	1.843	1.114	1.096	1.658	1.656
0.002	1.954	1.952	1.833	1.832	1.095	1.065	1.648	1.647
0.003	1.946	1.944	1.827	1.824	1.083	1.039	1.642	1.640
0.004	1.940	1.937	1.820	1.818	1.074	1.015	1.636	1.634
0.005	1.934	1.931	1.815	1.813	1.067	0.993	1.632	1.629
0.006	1.929	1.926	1.811	1.808	1.061	0.972	1.628	1.625
0.007	1.925	1.922	1.807	1.804	1.056	0.966	1.624	1.621
0.008	1.921	1.918	1.803	1.800	1.052	0.947	1.621	1.618
0.009	1.917	1.914	1.800	1.797	1.048	0.929	1.618	1.615
0.010	1.914	1.911	1.797	1.794	1.045	0.911	1.615	1.612
0.020	1.891	1.886	1.776	1.771	1.029	0.736	1.597	1.592
0.030	1.876	1.870	1.764	1.756	1.015	0.594	1.586	1.578
0.040	1.867	1.857	1.755	1.745	1.008	0.508	1.578	1.568
0.050	1.860	1.847	1.749	1.736	1.004	0.409	1.573	1.559
0.060	1.854	1.839	1.745	1.727	1.002	0.331	1.569	1.551
0.070	1.850	1.831	1.742	1.720	1.001	0.268	1.567	1.544
0.080	1.848	1.824	1.739	1.713	1.003	0.219	1.564	1.537
0.090	1.845	1.817	1.736	1.707	1.001	0.181	1.562	1.531
0.100	1.842	1.811	1.734	1.701	1.000	0.158	1.560	1.525
0.200	1.839	1.758	1.734	1.646	1.007	0.037	1.560	1.467
0.300	1.853	1.703	1.748	1.585	1.036	0.015	1.573	1.403
0.400	1.869	1.641	1.765	1.554	1.046	0.007	1.588	1.369
0.500	1.889	1.572	1.785	1.484	1.059	0.004	1.606	1.294
0.600	1.911	1.547	1.806	1.406	1.075	0.003	1.626	1.212
0.700	1.934	1.472	1.829	1.324	1.091	0.002	1.646	1.128
0.800	1.959	1.395	1.853	1.240	1.108	0.001	1.667	1.044
0.900	1.984	1.316	1.877	1.158	1.125	0.001	1.689	0.963
1.000	2.010	1.239	1.902	1.078	1.142	0.001	1.712	0.886

Electrolyte	NH <sub>4</sub> HCO <sub>3</sub>		NH <sub>4</sub> H <sub>2</sub> PO <sub>4</sub>		(NH <sub>4</sub> ) <sub>2</sub> HPO <sub>4</sub>		NH <sub>4</sub> HSO <sub>3</sub>	
	Λ <sup>0</sup> =118.2 a=3.4		Λ <sup>0</sup> =109.7 a=3.4		Λ <sup>0</sup> =130.7 a=3.3		Λ <sup>0</sup> =123.7 a=3.4	
Conc.	Dof	Dpikal	Dof	Dpikal	Dof	Dpikal	Dof	Dpikal
0.000	1.477	1.478	1.288	1.288	1.283	1.284	1.586	1.586
0.001	1.454	1.452	1.266	1.265	1.220	1.206	1.561	1.560
0.002	1.445	1.444	1.258	1.256	1.200	1.174	1.552	1.551
0.003	1.440	1.437	1.253	1.251	1.187	1.149	1.546	1.544
0.004	1.435	1.432	1.248	1.246	1.177	1.126	1.541	1.539
0.005	1.431	1.428	1.245	1.242	1.168	1.105	1.537	1.534
0.006	1.427	1.424	1.241	1.238	1.162	1.084	1.533	1.531
0.007	1.424	1.421	1.238	1.235	1.156	1.078	1.530	1.527
0.008	1.421	1.418	1.236	1.233	1.151	1.061	1.527	1.524
0.009	1.419	1.415	1.234	1.230	1.147	1.043	1.524	1.521
0.010	1.416	1.413	1.231	1.228	1.143	1.026	1.522	1.519
0.020	1.400	1.394	1.217	1.210	1.123	0.854	1.505	1.500
0.030	1.391	1.382	1.208	1.197	1.107	0.710	1.495	1.487
0.040	1.385	1.372	1.203	1.187	1.098	0.618	1.489	1.476
0.050	1.381	1.363	1.199	1.178	1.093	0.509	1.485	1.468
0.060	1.378	1.355	1.196	1.170	1.091	0.420	1.482	1.460
0.070	1.375	1.348	1.193	1.162	1.090	0.346	1.479	1.453
0.080	1.373	1.341	1.191	1.155	1.091	0.286	1.477	1.446
0.090	1.372	1.334	1.189	1.148	1.089	0.239	1.475	1.440
0.100	1.371	1.328	1.188	1.140	1.088	0.210	1.474	1.433
0.200	1.373	1.282	1.189	1.088	1.097	0.052	1.478	1.390
0.300	1.384	1.208	1.197	1.005	1.127	0.020	1.490	1.320
0.400	1.399	1.118	1.208	0.908	1.140	0.010	1.505	1.236
0.500	1.415	1.020	1.222	0.806	1.157	0.006	1.523	1.142
0.600	1.433	0.920	1.236	0.706	1.176	0.004	1.543	1.043
0.700	1.451	0.823	1.252	0.614	1.195	0.003	1.563	0.946
0.800	1.470	0.733	1.267	0.532	1.215	0.002	1.583	0.854
0.900	1.490	0.651	1.284	0.461	1.235	0.001	1.605	0.768
1.000	1.508	0.579	1.299	0.401	1.254	0.001	1.624	0.691

Electrolyte	NH <sub>4</sub> I		NH <sub>4</sub> IO <sub>3</sub>		NH <sub>4</sub> NO <sub>3</sub>		NH <sub>4</sub> OH	
	Λ <sup>0</sup> =150.6 a=2.8		Λ <sup>0</sup> =114.7 a=3.4		Λ <sup>0</sup> =145.12 a=2.3		Λ <sup>0</sup> =271.3 a=3.0	
Conc.	Dof	Dpikal	Dof	Dpikal	Dof	Dpikal	Dof	Dpikal
0.000	2.004	2.004	1.403	1.403	1.931	1.931	2.858	2.858
0.001	1.973	1.971	1.380	1.379	1.901	1.900	2.808	2.806
0.002	1.961	1.959	1.372	1.370	1.890	1.889	2.789	2.786
0.003	1.954	1.951	1.366	1.364	1.882	1.880	2.776	2.772
0.004	1.947	1.944	1.361	1.359	1.875	1.874	2.765	2.761
0.005	1.941	1.938	1.357	1.355	1.871	1.868	2.755	2.751
0.006	1.936	1.933	1.354	1.351	1.866	1.863	2.747	2.743
0.007	1.932	1.929	1.351	1.348	1.862	1.859	2.740	2.736
0.008	1.928	1.925	1.348	1.345	1.858	1.855	2.733	2.729
0.009	1.924	1.921	1.346	1.343	1.854	1.852	2.727	2.722
0.010	1.921	1.918	1.344	1.340	1.851	1.848	2.722	2.717
0.020	1.898	1.893	1.328	1.322	1.827	1.824	2.682	2.674
0.030	1.884	1.877	1.319	1.309	1.813	1.807	2.657	2.646
0.040	1.874	1.864	1.314	1.299	1.802	1.795	2.639	2.625
0.050	1.867	1.854	1.310	1.291	1.794	1.784	2.626	2.608
0.060	1.861	1.846	1.307	1.283	1.788	1.774	2.616	2.593
0.070	1.857	1.838	1.304	1.275	1.783	1.766	2.608	2.580
0.080	1.855	1.831	1.302	1.268	1.779	1.758	2.601	2.568
0.090	1.852	1.824	1.300	1.261	1.777	1.751	2.595	2.557
0.100	1.849	1.818	1.299	1.254	1.774	1.744	2.590	2.547
0.200	1.845	1.765	1.301	1.206	1.766	1.699	2.573	2.461
0.300	1.860	1.710	1.311	1.129	1.773	1.654	2.583	2.367
0.400	1.876	1.648	1.324	1.036	1.789	1.606	2.600	2.289
0.500	1.896	1.579	1.339	0.936	1.809	1.553	2.624	2.160
0.600	1.918	1.554	1.356	0.835	1.828	1.496	2.651	2.014
0.700	1.942	1.479	1.373	0.739	1.849	1.437	2.680	1.859
0.800	1.966	1.401	1.391	0.652	1.871	1.376	2.711	1.702
0.900	1.992	1.323	1.410	0.574	1.894	1.313	2.744	1.549
1.000	2.017	1.245	1.426	0.505	1.918	1.252	2.777	1.404

Electrolyte	NH <sub>4</sub> SCN		(NH <sub>4</sub> ) <sub>2</sub> SO <sub>4</sub>		NaBr		NaBrO <sub>3</sub>	
	Λ <sup>0</sup> =140.2 a=3.5		Λ <sup>0</sup> =153.5 a=3.3		Λ <sup>0</sup> =128.5 a=3.58		Λ <sup>0</sup> =105.9 a=3.9	
Conc.	Dof	Dpikal	Dof	Dpikal	Dof	Dpikal	Dof	Dpikal
0.000	1.861	1.861	1.530	1.530	1.627	1.628	1.405	1.406
0.001	1.833	1.831	1.455	1.445	1.602	1.600	1.385	1.383
0.002	1.823	1.821	1.430	1.414	1.593	1.591	1.378	1.376
0.003	1.815	1.813	1.414	1.389	1.586	1.584	1.372	1.370
0.004	1.809	1.807	1.401	1.368	1.581	1.579	1.368	1.366
0.005	1.804	1.802	1.391	1.348	1.576	1.574	1.365	1.363
0.006	1.800	1.798	1.382	1.329	1.573	1.570	1.362	1.360
0.007	1.796	1.794	1.375	1.322	1.569	1.567	1.359	1.357
0.008	1.793	1.790	1.368	1.306	1.566	1.563	1.357	1.354
0.009	1.790	1.787	1.362	1.291	1.563	1.560	1.355	1.352
0.010	1.787	1.784	1.357	1.276	1.561	1.558	1.353	1.350
0.020	1.768	1.763	1.327	1.119	1.544	1.538	1.340	1.335
0.030	1.757	1.749	1.307	0.982	1.534	1.525	1.333	1.327
0.040	1.749	1.738	1.294	0.889	1.528	1.515	1.329	1.320
0.050	1.745	1.729	1.287	0.770	1.523	1.507	1.326	1.314
0.060	1.740	1.721	1.283	0.664	1.520	1.499	1.324	1.309
0.070	1.737	1.714	1.280	0.570	1.517	1.492	1.322	1.304
0.080	1.735	1.707	1.280	0.488	1.515	1.492	1.321	1.299
0.090	1.733	1.700	1.277	0.418	1.513	1.487	1.321	1.294
0.100	1.732	1.704	1.276	0.376	1.512	1.482	1.320	1.289
0.200	1.738	1.653	1.286	0.103	1.517	1.424	1.329	1.232
0.300	1.752	1.588	1.318	0.042	1.529	1.347	1.342	1.155
0.400	1.771	1.508	1.339	0.021	1.545	1.253	1.358	1.063
0.500	1.793	1.417	1.362	0.013	1.564	1.148	1.376	0.964
0.600	1.816	1.319	1.387	0.008	1.584	1.040	1.395	0.865
0.700	1.840	1.220	1.412	0.006	1.604	0.934	1.414	0.772
0.800	1.866	1.122	1.437	0.004	1.626	0.835	1.432	0.687
0.900	1.889	1.029	1.463	0.003	1.646	0.744	1.449	0.611
1.000	1.912	0.942	1.488	0.002	1.666	0.663	1.467	0.545

Electrolyte	NaCHO <sub>2</sub>		Na <sub>2</sub> CO <sub>3</sub>		Na <sub>2</sub> C <sub>2</sub> O <sub>4</sub>		NaCl	
	Λ <sup>0</sup> =105.2 a=3.9		Λ <sup>0</sup> =119.4 a=4.4		Λ <sup>0</sup> =98.9 a=4.4		Λ <sup>0</sup> =126.4 a=4.0	
Conc.	Dof	Dpikal	Dof	Dpikal	Dof	Dpikal	Dof	Dpikal
0.000	1.397	1.397	1.161	1.161	0.987	0.987	1.611	1.611
0.001	1.376	1.375	1.107	1.101	0.941	0.931	1.585	1.584
0.002	1.369	1.368	1.091	1.079	0.928	0.910	1.577	1.575
0.003	1.364	1.362	1.080	1.063	0.919	0.892	1.570	1.568
0.004	1.360	1.358	1.072	1.048	0.913	0.876	1.565	1.563
0.005	1.356	1.355	1.065	1.035	0.908	0.861	1.561	1.559
0.006	1.354	1.351	1.060	1.030	0.904	0.857	1.557	1.555
0.007	1.351	1.349	1.056	1.019	0.901	0.844	1.554	1.552
0.008	1.349	1.346	1.053	1.008	0.898	0.831	1.551	1.549
0.009	1.347	1.344	1.050	0.997	0.896	0.818	1.549	1.546
0.010	1.345	1.342	1.048	0.987	0.896	0.806	1.546	1.543
0.020	1.332	1.327	1.028	0.873	0.880	0.671	1.531	1.525
0.030	1.325	1.319	1.020	0.760	0.874	0.544	1.522	1.515
0.040	1.322	1.312	1.018	0.670	0.875	0.453	1.517	1.507
0.050	1.318	1.306	1.014	0.563	0.872	0.356	1.513	1.500
0.060	1.316	1.301	1.013	0.468	0.870	0.279	1.510	1.493
0.070	1.314	1.296	1.012	0.387	0.870	0.220	1.508	1.487
0.080	1.314	1.291	1.012	0.320	0.870	0.175	1.506	1.482
0.090	1.313	1.286	1.013	0.266	0.871	0.141	1.506	1.476
0.100	1.313	1.281	1.015	0.222	0.872	0.115	1.505	1.471
0.200	1.321	1.224	1.037	0.054	0.891	0.025	1.514	1.406
0.300	1.334	1.147	1.055	0.021	0.904	0.010	1.530	1.317
0.400	1.351	1.055	1.075	0.011	0.919	0.005	1.549	1.208
0.500	1.368	0.957	1.096	0.006	0.935	0.003	1.571	1.089
0.600	1.387	0.859	1.116	0.004	0.951	0.002	1.594	0.971
0.700	1.406	0.767	1.136	0.003	0.967	0.001	1.615	0.859
0.800	1.424	0.682	1.156	0.002	0.983	0.001	1.637	0.757
0.900	1.441	0.607	1.175	0.001	0.999	0.001	1.658	0.666
1.000	1.459	0.541	1.194	0.001	1.014	0.001	1.680	0.588

Electrolyte	NaClO <sub>3</sub>		NaClO <sub>4</sub>		Na <sub>2</sub> CrO <sub>4</sub>		NaF	
	Λ <sup>0</sup> =114.7 a=3.23		Λ <sup>0</sup> =117.4 a=3.4		Λ <sup>0</sup> =135.1 a=4.1		Λ <sup>0</sup> =105.5 a=3.34	
Conc.	Dof	Dpikal	Dof	Dpikal	Dof	Dpikal	Dof	Dpikal
0.000	1.502	1.503	1.529	1.529	1.259	1.259	1.401	1.401
0.001	1.479	1.478	1.506	1.504	1.199	1.194	1.380	1.379
0.002	1.471	1.470	1.497	1.496	1.180	1.171	1.372	1.371
0.003	1.466	1.464	1.492	1.489	1.167	1.155	1.367	1.365
0.004	1.461	1.459	1.487	1.485	1.158	1.140	1.363	1.361
0.005	1.457	1.455	1.483	1.480	1.150	1.128	1.360	1.357
0.006	1.453	1.451	1.479	1.477	1.144	1.117	1.356	1.354
0.007	1.450	1.448	1.476	1.474	1.139	1.106	1.354	1.351
0.008	1.448	1.445	1.473	1.471	1.134	1.095	1.351	1.349
0.009	1.445	1.443	1.471	1.468	1.131	1.085	1.349	1.347
0.010	1.443	1.440	1.468	1.466	1.127	1.075	1.347	1.345
0.020	1.427	1.423	1.453	1.448	1.104	0.994	1.334	1.329
0.030	1.418	1.411	1.444	1.436	1.092	0.893	1.326	1.319
0.040	1.413	1.402	1.438	1.427	1.087	0.795	1.321	1.310
0.050	1.409	1.395	1.434	1.419	1.085	0.698	1.318	1.304
0.060	1.406	1.388	1.431	1.412	1.082	0.627	1.316	1.297
0.070	1.404	1.382	1.429	1.406	1.080	0.541	1.313	1.291
0.080	1.402	1.376	1.427	1.400	1.080	0.465	1.312	1.286
0.090	1.400	1.370	1.426	1.394	1.080	0.399	1.311	1.280
0.100	1.399	1.365	1.425	1.388	1.080	0.343	1.310	1.275
0.200	1.403	1.327	1.429	1.347	1.103	0.095	1.316	1.238
0.300	1.415	1.268	1.442	1.281	1.122	0.038	1.328	1.178
0.400	1.430	1.196	1.457	1.202	1.144	0.019	1.343	1.106
0.500	1.447	1.115	1.475	1.113	1.167	0.011	1.360	1.025
0.600	1.465	1.029	1.494	1.020	1.189	0.007	1.377	0.942
0.700	1.485	0.943	1.513	0.927	1.211	0.005	1.396	0.860
0.800	1.504	0.860	1.533	0.840	1.232	0.004	1.415	0.781
0.900	1.527	0.782	1.555	0.758	1.253	0.003	1.435	0.708
1.000	1.545	0.711	1.573	0.684	1.274	0.002	1.453	0.642

Electrolyte	Na <sub>4</sub> Fe(CN) <sub>6</sub>		NaH <sub>2</sub> AsO <sub>4</sub>		NaHCO <sub>3</sub>		NaH <sub>2</sub> PO <sub>4</sub>	
	Λ <sup>0</sup> =158.2 a=4.6		Λ <sup>0</sup> =84.1 a=4.6		Λ <sup>0</sup> =94.6 a=4.2		Λ <sup>0</sup> =86.1 a=4.2	
Conc.	Dof	Dpikal	Dof	Dpikal	Dof	Dpikal	Dof	Dpikal
0.000	1.139	1.139	1.078	1.079	1.255	1.255	1.115	1.115
0.001	0.991	1.161	1.062	1.061	1.236	1.235	1.099	1.098
0.002	0.960	1.236	1.057	1.055	1.230	1.229	1.093	1.092
0.003	0.944	1.182	1.053	1.051	1.226	1.224	1.089	1.087
0.004	0.928	1.000	1.049	1.048	1.222	1.220	1.086	1.084
0.005	0.917	0.773	1.047	1.045	1.219	1.217	1.083	1.081
0.006	0.908	0.573	1.045	1.043	1.216	1.215	1.081	1.079
0.007	0.902	0.418	1.043	1.040	1.214	1.212	1.079	1.077
0.008	0.897	0.312	1.041	1.038	1.212	1.210	1.077	1.075
0.009	0.893	0.237	1.039	1.037	1.211	1.208	1.075	1.073
0.010	0.890	0.183	1.038	1.036	1.209	1.207	1.074	1.072
0.020	0.873	0.031	1.029	1.025	1.199	1.195	1.065	1.060
0.030	0.873	0.009	1.024	1.017	1.193	1.187	1.060	1.053
0.040	0.880	0.005	1.022	1.011	1.190	1.180	1.057	1.047
0.050	0.892	0.003	1.019	1.005	1.188	1.175	1.055	1.041
0.060	0.895	0.002	1.018	1.000	1.186	1.170	1.053	1.036
0.070	0.899	0.001	1.017	0.995	1.185	1.165	1.052	1.031
0.080	0.905	0.001	1.016	0.990	1.184	1.160	1.052	1.026
0.090	0.911	0.001	1.016	0.984	1.184	1.155	1.052	1.021
0.100	0.917	0.000	1.016	0.979	1.185	1.149	1.052	1.015
0.200	0.977	0.000	1.023	0.909	1.193	1.085	1.059	0.947
0.300	1.027	0.000	1.034	0.816	1.206	0.999	1.071	0.856
0.400	1.426	0.000	1.047	0.714	1.222	0.899	1.085	0.755
0.500	1.545	0.000	1.061	0.614	1.239	0.796	1.099	0.654
0.600	1.656	0.000	1.076	0.524	1.256	0.699	1.115	0.562
0.700	1.761	0.000	1.089	0.446	1.272	0.611	1.128	0.481
0.800	1.861	0.000	1.102	0.380	1.288	0.534	1.142	0.413
0.900	1.958	0.000	1.116	0.325	1.304	0.467	1.156	0.356
1.000	2.052	0.000	1.129	0.280	1.320	0.410	1.170	0.308

Electrolyte	Na <sub>2</sub> HPO <sub>4</sub>		NaI		NaIO <sub>3</sub>		NaMnO <sub>4</sub>	
	Λ <sup>0</sup> =107.1 a=4.1		Λ <sup>0</sup> =127.0 a=4.23		Λ <sup>0</sup> =91.1 a=4.2		Λ <sup>0</sup> =112.9 a=3.8	
Conc.	Dof	Dpikal	Dof	Dpikal	Dof	Dpikal	Dof	Dpikal
0.000	1.065	1.065	1.615	1.615	1.200	1.201	1.484	1.484
0.001	1.016	1.007	1.590	1.589	1.183	1.182	1.461	1.460
0.002	1.001	0.986	1.581	1.579	1.177	1.175	1.454	1.452
0.003	0.991	0.969	1.575	1.573	1.173	1.171	1.448	1.446
0.004	0.984	0.954	1.570	1.568	1.169	1.167	1.443	1.441
0.005	0.978	0.940	1.566	1.563	1.166	1.164	1.440	1.438
0.006	0.973	0.927	1.562	1.560	1.164	1.162	1.436	1.434
0.007	0.970	0.914	1.559	1.556	1.162	1.160	1.433	1.431
0.008	0.967	0.901	1.556	1.553	1.160	1.158	1.431	1.429
0.009	0.964	0.889	1.553	1.551	1.158	1.156	1.429	1.426
0.010	0.962	0.876	1.551	1.549	1.157	1.154	1.427	1.424
0.020	0.945	0.775	1.536	1.531	1.147	1.143	1.413	1.408
0.030	0.937	0.652	1.527	1.520	1.142	1.135	1.405	1.397
0.040	0.934	0.541	1.522	1.511	1.139	1.129	1.400	1.388
0.050	0.934	0.443	1.518	1.504	1.136	1.123	1.397	1.384
0.060	0.932	0.377	1.515	1.498	1.135	1.118	1.394	1.379
0.070	0.931	0.307	1.513	1.492	1.134	1.113	1.392	1.374
0.080	0.931	0.250	1.512	1.486	1.133	1.108	1.391	1.368
0.090	0.931	0.205	1.511	1.480	1.133	1.103	1.390	1.364
0.100	0.932	0.170	1.511	1.474	1.133	1.098	1.390	1.359
0.200	0.955	0.040	1.518	1.402	1.142	1.032	1.397	1.302
0.300	0.969	0.015	1.533	1.302	1.154	0.945	1.410	1.226
0.400	0.986	0.008	1.552	1.181	1.169	0.844	1.427	1.134
0.500	1.004	0.004	1.572	1.053	1.185	0.743	1.445	1.033
0.600	1.022	0.003	1.593	0.928	1.202	0.648	1.464	0.932
0.700	1.040	0.002	1.612	0.812	1.217	0.562	1.485	0.835
0.800	1.058	0.001	1.632	0.709	1.232	0.488	1.503	0.746
0.900	1.075	0.001	1.652	0.619	1.247	0.425	1.522	0.665
1.000	1.093	0.001	1.672	0.542	1.263	0.372	1.541	0.593

Electrolyte	Na <sub>2</sub> MoO <sub>4</sub>		NaNO <sub>2</sub>		NaNO <sub>3</sub>		NaOH	
	Λ <sup>0</sup> =124.6 a=4.4		Λ <sup>0</sup> =122.1 a=3.95		Λ <sup>0</sup> =121.52 a=2.98		Λ <sup>0</sup> =247.7 a=3.9	
Conc.	Dof	Dpikal	Dof	Dpikal	Dof	Dpikal	Dof	Dpikal
0.000	1.196	1.196	1.573	1.573	1.568	1.568	2.128	2.128
0.001	1.140	1.134	1.549	1.547	1.543	1.542	2.087	2.085
0.002	1.123	1.113	1.540	1.538	1.534	1.533	2.072	2.069
0.003	1.112	1.096	1.534	1.532	1.529	1.526	2.061	2.058
0.004	1.103	1.082	1.529	1.527	1.524	1.521	2.053	2.049
0.005	1.097	1.069	1.525	1.523	1.519	1.517	2.045	2.041
0.006	1.091	1.063	1.521	1.519	1.515	1.513	2.039	2.035
0.007	1.087	1.053	1.518	1.516	1.512	1.509	2.033	2.029
0.008	1.083	1.042	1.516	1.513	1.509	1.506	2.028	2.023
0.009	1.080	1.032	1.513	1.510	1.506	1.503	2.024	2.018
0.010	1.078	1.022	1.511	1.508	1.504	1.501	2.019	2.014
0.020	1.057	0.913	1.496	1.490	1.487	1.482	1.990	1.980
0.030	1.048	0.805	1.487	1.480	1.476	1.469	1.972	1.962
0.040	1.046	0.717	1.482	1.472	1.469	1.459	1.960	1.946
0.050	1.042	0.611	1.478	1.465	1.465	1.451	1.951	1.932
0.060	1.040	0.514	1.475	1.459	1.461	1.444	1.943	1.920
0.070	1.040	0.430	1.473	1.453	1.459	1.437	1.937	1.909
0.080	1.040	0.359	1.471	1.448	1.456	1.431	1.933	1.899
0.090	1.041	0.301	1.471	1.442	1.455	1.425	1.929	1.889
0.100	1.042	0.253	1.470	1.437	1.453	1.420	1.926	1.879
0.200	1.064	0.063	1.477	1.373	1.453	1.365	1.918	1.765
0.300	1.084	0.025	1.491	1.287	1.466	1.302	1.926	1.610
0.400	1.105	0.012	1.508	1.183	1.479	1.263	1.942	1.422
0.500	1.126	0.007	1.528	1.070	1.496	1.187	1.961	1.225
0.600	1.147	0.005	1.550	0.956	1.514	1.105	1.981	1.038
0.700	1.168	0.003	1.568	0.849	1.533	1.021	2.004	0.872
0.800	1.188	0.002	1.588	0.751	1.553	0.939	2.025	0.731
0.900	1.208	0.002	1.607	0.663	1.573	0.860	2.047	0.615
1.000	1.227	0.001	1.627	0.587	1.594	0.786	2.070	0.519

Electrolyte	NaSCN		Na <sub>2</sub> SO <sub>3</sub>		Na <sub>2</sub> SO <sub>4</sub>		Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub>	
	Λ <sup>0</sup> =116.6 a=3.9		Λ <sup>0</sup> =122.1 a=4.4		Λ <sup>0</sup> =129.9 a=3.5		Λ <sup>0</sup> =137.5 a=4.1	
Conc.	Dof	Dpikal	Dof	Dpikal	Dof	Dpikal	Dof	Dpikal
0.000	1.521	1.522	1.180	1.180	1.229	1.229	1.272	1.272
0.001	1.498	1.497	1.125	1.119	1.171	1.165	1.211	1.206
0.002	1.490	1.488	1.108	1.097	1.151	1.144	1.192	1.184
0.003	1.484	1.482	1.097	1.080	1.138	1.128	1.179	1.167
0.004	1.480	1.478	1.088	1.066	1.128	1.113	1.169	1.152
0.005	1.476	1.474	1.082	1.053	1.120	1.100	1.162	1.141
0.006	1.472	1.470	1.077	1.048	1.113	1.088	1.155	1.129
0.007	1.469	1.467	1.072	1.037	1.108	1.068	1.150	1.118
0.008	1.467	1.464	1.069	1.026	1.103	1.056	1.145	1.108
0.009	1.464	1.462	1.066	1.016	1.098	1.044	1.141	1.097
0.010	1.462	1.459	1.064	1.006	1.094	1.033	1.138	1.087
0.020	1.448	1.443	1.043	0.894	1.068	0.945	1.114	1.008
0.030	1.440	1.433	1.035	0.784	1.050	0.847	1.102	0.908
0.040	1.435	1.425	1.033	0.695	1.039	0.754	1.096	0.812
0.050	1.431	1.419	1.029	0.588	1.031	0.662	1.094	0.716
0.060	1.428	1.413	1.027	0.492	1.025	0.602	1.091	0.646
0.070	1.426	1.407	1.027	0.409	1.022	0.522	1.090	0.560
0.080	1.425	1.402	1.027	0.341	1.016	0.452	1.089	0.483
0.090	1.424	1.397	1.028	0.284	1.012	0.390	1.089	0.416
0.100	1.424	1.392	1.029	0.238	1.008	0.337	1.090	0.358
0.200	1.431	1.332	1.051	0.059	0.988	0.097	1.113	0.101
0.300	1.445	1.250	1.070	0.023	0.978	0.038	1.132	0.040
0.400	1.462	1.152	1.091	0.011	0.964	0.019	1.154	0.021
0.500	1.481	1.046	1.112	0.007	0.951	0.011	1.177	0.012
0.600	1.501	0.939	1.133	0.004	0.938	0.007	1.199	0.008
0.700	1.521	0.837	1.153	0.003	0.926	0.005	1.221	0.005
0.800	1.540	0.743	1.173	0.002	0.914	0.003	1.243	0.004
0.900	1.559	0.660	1.192	0.002	0.901	0.002	1.264	0.003
1.000	1.578	0.586	1.212	0.001	0.888	0.002	1.285	0.002

Electrolyte	Na <sub>2</sub> WO <sub>4</sub>		NdBr <sub>3</sub>		NdCl <sub>3</sub>		Nd(ClO <sub>4</sub> ) <sub>3</sub>	
	Λ <sup>0</sup> =119.5 a=4.6		Λ <sup>0</sup> =142.7 a=6.0		Λ <sup>0</sup> =140.6 a=6.0		Λ <sup>0</sup> =131.6 a=6.3	
Conc.	Dof	Dpikal	Dof	Dpikal	Dof	Dpikal	Dof	Dpikal
0.000	1.162	1.162	1.254	1.254	1.239	1.239	1.167	1.167
0.001	1.108	1.102	1.170	1.088	1.156	1.076	1.088	1.018
0.002	1.091	1.080	1.156	1.007	1.141	0.996	1.074	0.952
0.003	1.081	1.067	1.151	0.936	1.136	0.927	1.068	0.877
0.004	1.073	1.054	1.144	0.850	1.129	0.843	1.061	0.797
0.005	1.067	1.041	1.139	0.761	1.125	0.755	1.057	0.713
0.006	1.062	1.030	1.136	0.673	1.122	0.669	1.055	0.639
0.007	1.058	1.019	1.135	0.590	1.120	0.586	1.053	0.560
0.008	1.054	1.008	1.134	0.522	1.119	0.519	1.052	0.487
0.009	1.052	0.992	1.133	0.453	1.119	0.451	1.052	0.422
0.010	1.049	0.981	1.133	0.392	1.119	0.391	1.055	0.365
0.020	1.031	0.870	1.133	0.109	1.118	0.109	1.051	0.101
0.030	1.023	0.776	1.139	0.043	1.124	0.043	1.057	0.039
0.040	1.021	0.659	1.148	0.021	1.133	0.021	1.070	0.020
0.050	1.018	0.549	1.158	0.012	1.143	0.012	1.072	0.011
0.060	1.017	0.453	1.161	0.008	1.146	0.008	1.075	0.007
0.070	1.016	0.372	1.165	0.005	1.149	0.005	1.078	0.005
0.080	1.017	0.306	1.169	0.004	1.153	0.004	1.082	0.003
0.090	1.018	0.262	1.173	0.003	1.157	0.003	1.087	0.003
0.100	1.020	0.218	1.177	0.002	1.162	0.002	1.091	0.002
0.200	1.041	0.050	1.221	0.000	1.205	0.000	1.132	0.000
0.300	1.060	0.019	1.259	0.000	1.242	0.000	1.166	0.000
0.400	1.081	0.010	1.582	0.000	1.559	0.000	1.452	0.000
0.500	1.102	0.006	1.673	0.000	1.649	0.000	1.531	0.000
0.600	1.122	0.004	1.758	0.000	1.732	0.000	1.605	0.000
0.700	1.142	0.003	1.839	0.000	1.812	0.000	1.675	0.000
0.800	1.161	0.002	1.916	0.000	1.887	0.000	1.742	0.000
0.900	1.180	0.001	1.990	0.000	1.960	0.000	1.806	0.000
1.000	1.199	0.001	2.062	0.000	2.031	0.000	1.869	0.000



Electrolyte	NiBr <sub>2</sub>		Ni(C <sub>2</sub> H <sub>3</sub> O <sub>2</sub> ) <sub>2</sub>		NiCl <sub>2</sub>		Ni(ClO <sub>3</sub> ) <sub>2</sub>	
	Λ <sup>0</sup> =132.4 a=4.5		Λ <sup>0</sup> =95.0 a=5.3		Λ <sup>0</sup> =130.3 a=4.5		Λ <sup>0</sup> =118.6 a=4.8	
Conc.	Dof	Dpikal	Dof	Dpikal	Dof	Dpikal	Dof	Dpikal
0.000	1.277	1.277	0.931	0.931	1.263	1.263	1.174	1.175
0.001	1.222	1.200	0.890	0.884	1.209	1.187	1.125	1.109
0.002	1.207	1.173	0.879	0.868	1.193	1.160	1.110	1.087
0.003	1.197	1.152	0.872	0.856	1.183	1.140	1.101	1.070
0.004	1.189	1.140	0.867	0.846	1.176	1.128	1.095	1.056
0.005	1.184	1.125	0.863	0.841	1.171	1.114	1.090	1.039
0.006	1.180	1.111	0.860	0.833	1.167	1.100	1.086	1.026
0.007	1.176	1.097	0.859	0.826	1.163	1.086	1.083	1.014
0.008	1.173	1.084	0.856	0.818	1.160	1.073	1.081	1.002
0.009	1.171	1.070	0.854	0.810	1.158	1.060	1.079	0.990
0.010	1.170	1.057	0.852	0.802	1.157	1.047	1.077	0.977
0.020	1.154	0.905	0.842	0.707	1.141	0.898	1.063	0.858
0.030	1.148	0.760	0.841	0.591	1.136	0.755	1.059	0.706
0.040	1.150	0.602	0.839	0.482	1.137	0.599	1.059	0.557
0.050	1.147	0.466	0.838	0.377	1.135	0.465	1.058	0.431
0.060	1.147	0.360	0.839	0.293	1.134	0.359	1.058	0.331
0.070	1.147	0.279	0.840	0.228	1.135	0.279	1.059	0.260
0.080	1.149	0.218	0.842	0.179	1.136	0.219	1.061	0.203
0.090	1.151	0.173	0.844	0.143	1.138	0.174	1.063	0.161
0.100	1.153	0.140	0.846	0.115	1.141	0.140	1.065	0.129
0.200	1.182	0.029	0.864	0.024	1.169	0.029	1.091	0.026
0.300	1.204	0.011	0.882	0.009	1.191	0.011	1.112	0.010
0.400	1.227	0.005	0.899	0.004	1.214	0.005	1.134	0.005
0.500	1.251	0.003	0.916	0.003	1.237	0.003	1.155	0.003
0.600	1.274	0.002	0.932	0.002	1.260	0.002	1.177	0.002
0.700	1.297	0.001	0.948	0.001	1.282	0.001	1.197	0.001
0.800	1.319	0.001	0.964	0.001	1.304	0.001	1.217	0.001
0.900	1.341	0.001	0.979	0.001	1.326	0.001	1.237	0.001
1.000	1.362	0.001	1.105	0.000	1.347	0.001	1.257	0.001

Electrolyte	Ni(ClO <sub>4</sub> ) <sub>2</sub>		Ni(NO <sub>3</sub> ) <sub>2</sub>		NiSO <sub>4</sub>		PbBr <sub>2</sub>	
	Λ <sup>0</sup> =121.3 a=4.8		Λ <sup>0</sup> =125.42 a=4.5		Λ <sup>0</sup> =133.8 a=5.0		Λ <sup>0</sup> =148.4 a=3.8	
Conc.	Dof	Dpikal	Dof	Dpikal	Dof	Dpikal	Dof	Dpikal
0.000	1.196	1.197	1.228	1.228	0.857	0.857	1.477	1.477
0.001	1.145	1.129	1.176	1.156	0.729	0.733	1.410	1.395
0.002	1.131	1.106	1.160	1.131	0.691	0.695	1.389	1.363
0.003	1.122	1.089	1.151	1.111	0.666	0.667	1.375	1.342
0.004	1.115	1.074	1.144	1.100	0.650	0.646	1.365	1.323
0.005	1.110	1.056	1.139	1.086	0.638	0.628	1.357	1.307
0.006	1.106	1.043	1.134	1.073	0.630	0.612	1.350	1.298
0.007	1.103	1.031	1.131	1.060	0.624	0.592	1.344	1.285
0.008	1.101	1.018	1.128	1.048	0.619	0.580	1.339	1.272
0.009	1.099	1.005	1.126	1.035	0.616	0.570	1.335	1.260
0.010	1.097	0.993	1.125	1.023	0.615	0.560	1.332	1.248
0.020	1.083	0.869	1.110	0.880	0.656	0.498	1.308	1.129
0.030	1.079	0.713	1.105	0.744	0.749	0.458	1.295	1.013
0.040	1.079	0.561	1.106	0.593	0.869	0.458	1.289	0.872
0.050	1.077	0.432	1.103	0.462	1.008	0.428	1.286	0.734
0.060	1.078	0.332	1.103	0.358	1.161	0.397	1.287	0.608
0.070	1.079	0.260	1.104	0.279	1.325	0.368	1.285	0.502
0.080	1.081	0.203	1.105	0.219	1.498	0.341	1.284	0.414
0.090	1.083	0.160	1.107	0.174	1.679	0.316	1.284	0.343
0.100	1.085	0.129	1.109	0.140	1.870	0.294	1.285	0.289
0.200	1.111	0.026	1.137	0.029	3.873	0.164	1.310	0.066
0.300	1.132	0.010	1.158	0.011	6.057	0.105	1.339	0.025
0.400	1.155	0.005	1.181	0.005	8.333	0.076	1.364	0.013
0.500	1.177	0.003	1.203	0.003	10.668	0.058	1.390	0.007
0.600	1.198	0.002	1.226	0.002	13.044	0.046	1.417	0.005
0.700	1.219	0.001	1.248	0.001	15.451	0.038	1.443	0.003
0.800	1.240	0.001	1.269	0.001	17.883	0.032	1.469	0.002
0.900	1.260	0.001	1.290	0.001	24.523	0.028	1.495	0.002
1.000	1.280	0.001	1.311	0.001	27.892	0.024	1.521	0.001

Electrolyte	Pb(C <sub>2</sub> H <sub>3</sub> O <sub>2</sub> ) <sub>2</sub>		PbCl <sub>2</sub>		Pb(ClO <sub>4</sub> ) <sub>2</sub>		PbI <sub>2</sub>	
	Λ <sup>0</sup> =111.0 a=4.5		Λ <sup>0</sup> =146.3 a=4.5		Λ <sup>0</sup> =137.3 a=4.0		Λ <sup>0</sup> =146.9 a=3.8	
Conc.	Dof	Dpikal	Dof	Dpikal	Dof	Dpikal	Dof	Dpikal
0.000	1.032	1.033	1.458	1.458	1.370	1.370	1.463	1.463
0.001	0.984	0.982	1.392	1.378	1.308	1.295	1.397	1.383
0.002	0.969	0.965	1.371	1.347	1.289	1.271	1.376	1.351
0.003	0.960	0.953	1.358	1.325	1.276	1.252	1.363	1.330
0.004	0.953	0.946	1.347	1.307	1.266	1.237	1.352	1.312
0.005	0.947	0.938	1.339	1.292	1.259	1.224	1.344	1.296
0.006	0.942	0.931	1.332	1.283	1.253	1.211	1.337	1.287
0.007	0.939	0.924	1.327	1.270	1.248	1.200	1.332	1.274
0.008	0.936	0.917	1.322	1.258	1.243	1.189	1.327	1.262
0.009	0.933	0.910	1.318	1.246	1.240	1.178	1.323	1.250
0.010	0.931	0.904	1.314	1.234	1.236	1.168	1.319	1.238
0.020	0.914	0.827	1.291	1.117	1.215	1.071	1.296	1.121
0.030	0.906	0.755	1.278	1.004	1.204	0.949	1.283	1.007
0.040	0.904	0.663	1.272	0.865	1.199	0.814	1.277	0.867
0.050	0.901	0.569	1.270	0.730	1.199	0.687	1.274	0.731
0.060	0.900	0.481	1.270	0.606	1.196	0.571	1.275	0.606
0.070	0.900	0.403	1.268	0.501	1.194	0.480	1.273	0.501
0.080	0.900	0.336	1.267	0.414	1.194	0.395	1.272	0.414
0.090	0.901	0.281	1.267	0.343	1.195	0.326	1.272	0.343
0.100	0.902	0.236	1.268	0.289	1.196	0.271	1.273	0.289
0.200	0.921	0.057	1.293	0.067	1.225	0.062	1.298	0.066
0.300	0.938	0.022	1.322	0.026	1.246	0.024	1.327	0.025
0.400	0.956	0.011	1.346	0.013	1.270	0.012	1.351	0.013
0.500	0.974	0.007	1.372	0.007	1.295	0.007	1.378	0.007
0.600	0.992	0.004	1.399	0.005	1.319	0.004	1.404	0.005
0.700	1.009	0.003	1.425	0.003	1.344	0.003	1.430	0.003
0.800	1.027	0.002	1.450	0.002	1.368	0.002	1.456	0.002
0.900	1.043	0.002	1.476	0.002	1.391	0.002	1.481	0.002
1.000	1.060	0.001	1.501	0.001	1.415	0.001	1.507	0.001

Electrolyte	Pb(NO <sub>3</sub> ) <sub>2</sub>		PrBr <sub>3</sub>		PrCl <sub>3</sub>		Pr(ClO <sub>4</sub> ) <sub>3</sub>	
	Λ <sup>0</sup> =141.42 a=3.8		Λ <sup>0</sup> =143.8 a=6.0		Λ <sup>0</sup> =141.7 a=6.0		Λ <sup>0</sup> =132.7 a=6.3	
Conc.	Dof	Dpikal	Dof	Dpikal	Dof	Dpikal	Dof	Dpikal
0.000	1.412	1.412	1.266	1.266	1.250	1.250	1.177	1.177
0.001	1.348	1.335	1.180	1.100	1.165	1.087	1.096	1.028
0.002	1.328	1.306	1.165	1.019	1.151	1.008	1.082	0.962
0.003	1.314	1.285	1.160	0.948	1.145	0.939	1.075	0.888
0.004	1.304	1.269	1.153	0.863	1.138	0.855	1.069	0.808
0.005	1.297	1.254	1.148	0.774	1.133	0.768	1.065	0.725
0.006	1.290	1.245	1.145	0.686	1.130	0.681	1.062	0.651
0.007	1.285	1.233	1.143	0.602	1.128	0.599	1.060	0.571
0.008	1.280	1.221	1.142	0.534	1.127	0.531	1.059	0.497
0.009	1.276	1.210	1.141	0.464	1.126	0.461	1.059	0.432
0.010	1.273	1.199	1.141	0.402	1.126	0.401	1.061	0.374
0.020	1.250	1.089	1.140	0.113	1.125	0.113	1.057	0.104
0.030	1.238	0.982	1.146	0.044	1.131	0.044	1.063	0.041
0.040	1.231	0.850	1.155	0.022	1.140	0.022	1.076	0.020
0.050	1.229	0.719	1.165	0.013	1.150	0.013	1.078	0.012
0.060	1.229	0.599	1.168	0.008	1.152	0.008	1.081	0.007
0.070	1.227	0.498	1.172	0.005	1.156	0.005	1.085	0.005
0.080	1.226	0.412	1.176	0.004	1.160	0.004	1.089	0.004
0.090	1.226	0.342	1.180	0.003	1.164	0.003	1.093	0.003
0.100	1.227	0.290	1.185	0.002	1.169	0.002	1.097	0.002
0.200	1.252	0.067	1.229	0.000	1.212	0.000	1.138	0.000
0.300	1.279	0.026	1.267	0.000	1.250	0.000	1.173	0.000
0.400	1.303	0.013	1.586	0.000	1.563	0.000	1.455	0.000
0.500	1.328	0.007	1.677	0.000	1.653	0.000	1.534	0.000
0.600	1.353	0.005	1.762	0.000	1.736	0.000	1.608	0.000
0.700	1.379	0.003	1.842	0.000	1.814	0.000	1.677	0.000
0.800	1.404	0.002	1.918	0.000	1.889	0.000	1.743	0.000
0.900	1.428	0.002	1.992	0.000	1.962	0.000	1.807	0.000
1.000	1.453	0.001	2.064	0.000	2.032	0.000	1.870	0.000

Electrolyte	Pr(NO <sub>3</sub> ) <sub>3</sub>		RbBr		RbBrO <sub>3</sub>		RbC <sub>2</sub> H <sub>3</sub> O <sub>2</sub>	
	Λ <sup>0</sup> =136.82 a=6.0		Λ <sup>0</sup> =155.9 a=3.4		Λ <sup>0</sup> =133.3 a=2.7		Λ <sup>0</sup> =118.5 a=3.5	
Conc.	Dof	Dpikal	Dof	Dpikal	Dof	Dpikal	Dof	Dpikal
0.000	1.212	1.212	2.075	2.075	1.727	1.728	1.428	1.428
0.001	1.129	1.057	2.043	2.042	1.700	1.699	1.404	1.403
0.002	1.114	0.982	2.031	2.030	1.690	1.689	1.396	1.394
0.003	1.108	0.916	2.023	2.021	1.683	1.681	1.390	1.388
0.004	1.101	0.836	2.017	2.014	1.678	1.676	1.385	1.383
0.005	1.097	0.753	2.011	2.008	1.673	1.670	1.381	1.378
0.006	1.094	0.669	2.006	2.003	1.669	1.666	1.377	1.375
0.007	1.092	0.590	2.002	1.999	1.665	1.662	1.374	1.371
0.008	1.091	0.524	1.998	1.995	1.662	1.659	1.372	1.368
0.009	1.090	0.456	1.994	1.991	1.659	1.655	1.369	1.366
0.010	1.090	0.397	1.991	1.988	1.656	1.652	1.367	1.363
0.020	1.088	0.113	1.969	1.964	1.636	1.631	1.351	1.344
0.030	1.093	0.044	1.956	1.948	1.623	1.616	1.342	1.331
0.040	1.102	0.022	1.947	1.936	1.615	1.605	1.336	1.321
0.050	1.112	0.013	1.941	1.926	1.609	1.595	1.332	1.312
0.060	1.114	0.008	1.936	1.917	1.604	1.587	1.328	1.304
0.070	1.118	0.005	1.932	1.909	1.601	1.580	1.326	1.296
0.080	1.122	0.004	1.930	1.902	1.599	1.573	1.323	1.288
0.090	1.126	0.003	1.927	1.896	1.596	1.567	1.322	1.281
0.100	1.130	0.002	1.926	1.889	1.594	1.561	1.321	1.287
0.200	1.172	0.000	1.929	1.849	1.590	1.505	1.324	1.222
0.300	1.209	0.000	1.945	1.788	1.601	1.447	1.333	1.138
0.400	1.507	0.000	1.966	1.713	1.617	1.381	1.346	1.038
0.500	1.593	0.000	1.989	1.626	1.633	1.310	1.361	0.931
0.600	1.672	0.000	2.014	1.531	1.652	1.234	1.378	0.825
0.700	1.747	0.000	2.040	1.431	1.672	1.156	1.395	0.725
0.800	1.819	0.000	2.067	1.331	1.693	1.132	1.415	0.634
0.900	1.889	0.000	2.095	1.234	1.715	1.055	1.431	0.555
1.000	1.956	0.000	2.121	1.141	1.737	0.981	1.448	0.486

Electrolyte	RbCl		RbClO <sub>3</sub>		RbClO <sub>4</sub>		RbF	
	Λ <sup>0</sup> =153.8 a=3.6		Λ <sup>0</sup> =142.1 a=2.48		Λ <sup>0</sup> =144.8 a=1.86		Λ <sup>0</sup> =132.9 a=4.01	
Conc.	Dof	Dpikal	Dof	Dpikal	Dof	Dpikal	Dof	Dpikal
0.000	2.054	2.054	1.876	1.876	1.918	1.918	1.720	1.720
0.001	2.022	2.021	1.847	1.845	1.888	1.887	1.694	1.692
0.002	2.011	2.009	1.836	1.834	1.876	1.876	1.684	1.682
0.003	2.002	2.000	1.828	1.826	1.868	1.868	1.677	1.675
0.004	1.996	1.993	1.823	1.820	1.862	1.861	1.672	1.670
0.005	1.990	1.987	1.817	1.815	1.856	1.856	1.668	1.665
0.006	1.985	1.982	1.813	1.810	1.851	1.851	1.664	1.661
0.007	1.981	1.978	1.809	1.806	1.849	1.847	1.660	1.658
0.008	1.977	1.974	1.805	1.802	1.845	1.843	1.657	1.654
0.009	1.973	1.970	1.801	1.799	1.841	1.840	1.654	1.651
0.010	1.970	1.967	1.798	1.795	1.838	1.837	1.652	1.649
0.020	1.947	1.941	1.776	1.772	1.813	1.813	1.635	1.631
0.030	1.933	1.924	1.762	1.756	1.797	1.793	1.626	1.619
0.040	1.923	1.911	1.752	1.743	1.786	1.780	1.620	1.610
0.050	1.916	1.900	1.745	1.733	1.777	1.769	1.616	1.602
0.060	1.909	1.890	1.739	1.724	1.770	1.759	1.612	1.595
0.070	1.904	1.880	1.735	1.717	1.764	1.751	1.610	1.589
0.080	1.900	1.879	1.732	1.710	1.759	1.743	1.608	1.583
0.090	1.896	1.872	1.729	1.703	1.756	1.736	1.608	1.578
0.100	1.894	1.865	1.728	1.697	1.753	1.730	1.607	1.572
0.200	1.883	1.796	1.720	1.646	1.743	1.674	1.614	1.506
0.300	1.881	1.715	1.730	1.596	1.744	1.624	1.630	1.418
0.400	1.886	1.620	1.748	1.541	1.755	1.574	1.649	1.310
0.500	1.892	1.514	1.764	1.480	1.771	1.522	1.670	1.192
0.600	1.901	1.403	1.784	1.415	1.791	1.468	1.693	1.072
0.700	1.910	1.292	1.805	1.348	1.815	1.414	1.714	0.957
0.800	1.920	1.183	1.827	1.279	1.835	1.427	1.735	0.852
0.900	1.928	1.080	1.850	1.210	1.856	1.378	1.757	0.757
1.000	1.937	0.984	1.874	1.142	1.878	1.328	1.778	0.672

Electrolyte	RbI		RbIO <sub>3</sub>		RbNO <sub>2</sub>		RbNO <sub>3</sub>	
	Λ <sup>0</sup> =154.4 a=3.51		Λ <sup>0</sup> =118.5 a=2.61		Λ <sup>0</sup> =149.5 a=7.95		Λ <sup>0</sup> =148.92 a=2.37	
Conc.	Dof	Dpikal	Dof	Dpikal	Dof	Dpikal	Dof	Dpikal
0.000	2.055	2.055	1.428	1.428	1.987	1.988	1.979	1.979
0.001	2.024	2.022	1.404	1.403	1.959	1.957	1.948	1.947
0.002	2.013	2.010	1.395	1.394	1.950	1.948	1.936	1.935
0.003	2.004	2.002	1.389	1.387	1.943	1.942	1.928	1.927
0.004	1.998	1.995	1.385	1.382	1.939	1.937	1.922	1.920
0.005	1.992	1.989	1.381	1.378	1.935	1.933	1.917	1.914
0.006	1.987	1.985	1.377	1.374	1.932	1.929	1.912	1.909
0.007	1.983	1.980	1.374	1.370	1.929	1.926	1.908	1.905
0.008	1.979	1.976	1.371	1.367	1.927	1.924	1.904	1.901
0.009	1.976	1.973	1.368	1.364	1.925	1.922	1.900	1.897
0.010	1.972	1.969	1.366	1.362	1.923	1.920	1.897	1.894
0.020	1.951	1.946	1.348	1.342	1.913	1.905	1.872	1.869
0.030	1.938	1.930	1.337	1.328	1.908	1.896	1.857	1.852
0.040	1.930	1.918	1.330	1.318	1.907	1.887	1.846	1.838
0.050	1.924	1.908	1.324	1.308	1.906	1.879	1.838	1.827
0.060	1.919	1.900	1.320	1.300	1.907	1.869	1.832	1.818
0.070	1.916	1.892	1.317	1.293	1.908	1.859	1.827	1.810
0.080	1.913	1.885	1.315	1.286	1.909	1.848	1.823	1.803
0.090	1.911	1.879	1.314	1.279	1.911	1.835	1.821	1.797
0.100	1.910	1.882	1.312	1.273	1.913	1.821	1.818	1.791
0.200	1.915	1.830	1.306	1.212	1.937	1.625	1.810	1.740
0.300	1.931	1.766	1.314	1.146	1.964	1.370	1.818	1.693
0.400	1.952	1.687	1.327	1.073	1.990	1.119	1.834	1.643
0.500	1.975	1.595	1.339	0.995	2.017	0.904	1.854	1.587
0.600	2.000	1.495	1.353	0.915	2.043	0.732	1.873	1.528
0.700	2.027	1.392	1.369	0.836	2.070	0.597	1.895	1.465
0.800	2.055	1.289	1.386	0.761	2.096	0.493	1.918	1.401
0.900	2.080	1.190	1.403	0.691	2.121	0.412	1.942	1.336
1.000	2.106	1.096	1.420	0.662	2.147	0.349	1.966	1.271

Electrolyte	RbOH		Rb <sub>2</sub> SO <sub>4</sub>		SmCl <sub>3</sub>		Sm(ClO <sub>4</sub> ) <sub>3</sub>	
	Λ <sup>0</sup> =275.1 a=3.0		Λ <sup>0</sup> =157.3 a=3.3		Λ <sup>0</sup> =142.1 a=6.0		Λ <sup>0</sup> =133.1 a=6.3	
Conc.	Dof	Dpikal	Dof	Dpikal	Dof	Dpikal	Dof	Dpikal
0.000	2.964	2.964	1.570	1.570	1.254	1.254	1.181	1.181
0.001	2.913	2.910	1.493	1.482	1.169	1.091	1.099	1.032
0.002	2.893	2.890	1.467	1.449	1.154	1.012	1.085	0.966
0.003	2.880	2.876	1.450	1.423	1.148	0.943	1.078	0.892
0.004	2.868	2.864	1.437	1.401	1.141	0.860	1.072	0.812
0.005	2.859	2.854	1.426	1.380	1.136	0.772	1.067	0.729
0.006	2.850	2.846	1.417	1.361	1.133	0.686	1.065	0.655
0.007	2.843	2.838	1.409	1.353	1.131	0.603	1.063	0.575
0.008	2.836	2.831	1.403	1.337	1.130	0.535	1.062	0.501
0.009	2.830	2.825	1.397	1.321	1.129	0.465	1.061	0.435
0.010	2.824	2.819	1.392	1.305	1.129	0.404	1.064	0.377
0.020	2.783	2.776	1.360	1.142	1.128	0.114	1.059	0.105
0.030	2.758	2.747	1.339	1.000	1.133	0.045	1.065	0.041
0.040	2.739	2.725	1.326	0.902	1.142	0.022	1.078	0.020
0.050	2.726	2.708	1.319	0.780	1.152	0.013	1.080	0.012
0.060	2.715	2.693	1.314	0.671	1.155	0.008	1.083	0.007
0.070	2.707	2.680	1.311	0.574	1.158	0.005	1.087	0.005
0.080	2.700	2.668	1.311	0.491	1.163	0.004	1.091	0.004
0.090	2.694	2.657	1.308	0.420	1.167	0.003	1.095	0.003
0.100	2.689	2.647	1.307	0.377	1.171	0.002	1.100	0.002
0.200	2.672	2.562	1.317	0.103	1.215	0.000	1.141	0.000
0.300	2.683	2.471	1.350	0.042	1.253	0.000	1.175	0.000
0.400	2.701	2.397	1.370	0.021	1.565	0.000	1.457	0.000
0.500	2.726	2.272	1.393	0.012	1.654	0.000	1.535	0.000
0.600	2.755	2.129	1.419	0.008	1.737	0.000	1.609	0.000
0.700	2.786	1.976	1.444	0.006	1.815	0.000	1.678	0.000
0.800	2.818	1.820	1.470	0.004	1.890	0.000	1.744	0.000
0.900	2.852	1.665	1.496	0.003	1.963	0.000	1.808	0.000
1.000	2.886	1.517	1.522	0.002	2.033	0.000	1.870	0.000

Electrolyte	Sm(NO <sub>3</sub> ) <sub>3</sub>		SrBr <sub>2</sub>		Sr(BrO <sub>3</sub> ) <sub>2</sub>		Sr(CHO <sub>2</sub> ) <sub>2</sub>	
	Λ <sup>0</sup> =137.22 a=6.0		Λ <sup>0</sup> =137.9 a=4.0		Λ <sup>0</sup> =115.3 a=4.3		Λ <sup>0</sup> =114.6 a=4.3	
Conc.	Dof	Dpikal	Dof	Dpikal	Dof	Dpikal	Dof	Dpikal
0.000	1.216	1.216	1.351	1.351	1.150	1.150	1.142	1.143
0.001	1.132	1.061	1.292	1.271	1.100	1.088	1.092	1.082
0.002	1.117	0.986	1.274	1.244	1.084	1.068	1.077	1.061
0.003	1.111	0.920	1.263	1.224	1.075	1.052	1.068	1.046
0.004	1.104	0.840	1.254	1.206	1.068	1.039	1.061	1.033
0.005	1.100	0.757	1.247	1.191	1.062	1.028	1.055	1.022
0.006	1.096	0.674	1.242	1.176	1.058	1.017	1.051	1.011
0.007	1.094	0.594	1.238	1.163	1.054	1.006	1.047	1.001
0.008	1.093	0.528	1.234	1.150	1.051	1.003	1.044	0.997
0.009	1.093	0.460	1.231	1.137	1.049	0.994	1.042	0.988
0.010	1.092	0.400	1.228	1.124	1.046	0.984	1.040	0.979
0.020	1.091	0.114	1.210	1.007	1.031	0.876	1.024	0.871
0.030	1.096	0.045	1.201	0.862	1.024	0.757	1.017	0.754
0.040	1.104	0.022	1.198	0.711	1.022	0.646	1.015	0.644
0.050	1.114	0.013	1.200	0.577	1.022	0.528	1.015	0.527
0.060	1.117	0.008	1.198	0.463	1.021	0.426	1.014	0.425
0.070	1.120	0.006	1.197	0.378	1.020	0.343	1.014	0.342
0.080	1.124	0.004	1.197	0.303	1.021	0.276	1.014	0.276
0.090	1.128	0.003	1.198	0.245	1.022	0.224	1.016	0.224
0.100	1.132	0.002	1.200	0.200	1.024	0.184	1.017	0.184
0.200	1.175	0.000	1.233	0.043	1.050	0.040	1.043	0.040
0.300	1.211	0.000	1.253	0.016	1.069	0.015	1.062	0.015
0.400	1.509	0.000	1.277	0.008	1.090	0.008	1.083	0.008
0.500	1.594	0.000	1.301	0.005	1.111	0.004	1.104	0.004
0.600	1.673	0.000	1.326	0.003	1.132	0.003	1.124	0.003
0.700	1.748	0.000	1.350	0.002	1.152	0.002	1.145	0.002
0.800	1.820	0.000	1.374	0.001	1.173	0.001	1.165	0.001
0.900	1.889	0.000	1.398	0.001	1.192	0.001	1.184	0.001
1.000	1.956	0.000	1.421	0.001	1.212	0.001	1.204	0.001

Electrolyte	Sr(C <sub>2</sub> H <sub>3</sub> O <sub>2</sub> ) <sub>2</sub>		SrCl <sub>2</sub>		Sr(ClO <sub>3</sub> ) <sub>2</sub>		Sr(ClO <sub>4</sub> ) <sub>2</sub>	
	Λ <sup>0</sup> =100.5 a=4.8		Λ <sup>0</sup> =135.8 a=4.89		Λ <sup>0</sup> =124.1 a=4.3		Λ <sup>0</sup> =126.8 a=4.3	
Conc.	Dof	Dpikal	Dof	Dpikal	Dof	Dpikal	Dof	Dpikal
0.000	0.969	0.969	1.334	1.334	1.237	1.237	1.261	1.261
0.001	0.926	0.922	1.277	1.259	1.183	1.168	1.206	1.190
0.002	0.913	0.907	1.260	1.234	1.167	1.145	1.190	1.166
0.003	0.905	0.896	1.250	1.216	1.156	1.127	1.179	1.148
0.004	0.899	0.887	1.243	1.196	1.149	1.112	1.171	1.133
0.005	0.895	0.875	1.238	1.182	1.143	1.099	1.165	1.119
0.006	0.891	0.866	1.234	1.168	1.138	1.087	1.161	1.106
0.007	0.888	0.859	1.231	1.155	1.134	1.075	1.157	1.094
0.008	0.886	0.851	1.228	1.141	1.131	1.071	1.153	1.090
0.009	0.884	0.843	1.227	1.128	1.128	1.060	1.151	1.079
0.010	0.882	0.836	1.224	1.115	1.126	1.049	1.148	1.067
0.020	0.869	0.762	1.214	0.986	1.109	0.927	1.131	0.940
0.030	0.864	0.664	1.214	0.818	1.102	0.793	1.124	0.803
0.040	0.863	0.557	1.219	0.651	1.100	0.670	1.122	0.676
0.050	0.862	0.456	1.223	0.507	1.100	0.542	1.122	0.545
0.060	0.861	0.369	1.229	0.400	1.099	0.433	1.121	0.434
0.070	0.862	0.302	1.236	0.310	1.099	0.345	1.121	0.346
0.080	0.863	0.244	1.243	0.243	1.100	0.276	1.122	0.276
0.090	0.864	0.198	1.252	0.194	1.101	0.223	1.123	0.223
0.100	0.866	0.162	1.260	0.156	1.103	0.182	1.125	0.182
0.200	0.885	0.036	1.344	0.033	1.131	0.039	1.154	0.039
0.300	0.902	0.014	1.425	0.013	1.151	0.015	1.174	0.015
0.400	0.920	0.007	1.507	0.007	1.174	0.007	1.197	0.007
0.500	0.937	0.004	1.588	0.004	1.197	0.004	1.220	0.004
0.600	0.954	0.003	1.668	0.003	1.219	0.003	1.243	0.003
0.700	0.971	0.002	1.747	0.002	1.241	0.002	1.266	0.002
0.800	0.987	0.001	1.826	0.001	1.263	0.001	1.288	0.001
0.900	1.003	0.001	1.905	0.001	1.284	0.001	1.310	0.001
1.000	1.019	0.001	1.983	0.001	1.305	0.001	1.331	0.001

Electrolyte	Sr <sub>2</sub> Fe(CN) <sub>6</sub>		SrI <sub>2</sub>		Sr(NO <sub>2</sub> ) <sub>2</sub>		Sr(NO <sub>3</sub> ) <sub>2</sub>	
	Λ <sup>0</sup> =167.6 a=5.0		Λ <sup>0</sup> =136.4 a=4.0		Λ <sup>0</sup> =131.5 a=4.0		Λ <sup>0</sup> =130.92 a=4.0	
Conc.	Dof	Dpikal	Dof	Dpikal	Dof	Dpikal	Dof	Dpikal
0.000	0.766	0.766	1.339	1.340	1.301	1.301	1.296	1.296
0.001	0.837	-0.793	1.281	1.260	1.244	1.225	1.240	1.221
0.002	0.875	-1.507	1.264	1.235	1.227	1.201	1.223	1.197
0.003	0.895	-1.323	1.252	1.214	1.216	1.182	1.212	1.178
0.004	0.910	2.134	1.244	1.197	1.208	1.165	1.203	1.161
0.005	0.924	0.995	1.237	1.182	1.201	1.151	1.197	1.147
0.006	0.936	0.561	1.232	1.168	1.196	1.137	1.192	1.134
0.007	0.947	0.357	1.227	1.155	1.192	1.125	1.188	1.122
0.008	0.961	0.246	1.224	1.142	1.188	1.113	1.184	1.109
0.009	0.966	0.178	1.221	1.129	1.185	1.101	1.181	1.097
0.010	0.971	0.138	1.218	1.116	1.183	1.089	1.179	1.085
0.020	1.003	0.026	1.200	1.001	1.165	0.979	1.161	0.977
0.030	1.025	0.009	1.191	0.858	1.157	0.842	1.153	0.840
0.040	1.035	0.005	1.188	0.708	1.154	0.698	1.149	0.697
0.050	1.034	0.003	1.190	0.575	1.155	0.569	1.151	0.569
0.060	1.033	0.002	1.188	0.462	1.153	0.459	1.149	0.459
0.070	1.032	0.001	1.187	0.378	1.152	0.376	1.148	0.376
0.080	1.032	0.001	1.187	0.303	1.153	0.303	1.148	0.303
0.090	1.031	0.001	1.188	0.245	1.154	0.246	1.149	0.246
0.100	1.031	0.000	1.190	0.201	1.155	0.201	1.151	0.201
0.200	1.035	0.000	1.223	0.043	1.187	0.044	1.183	0.044
0.300	1.487	0.000	1.243	0.016	1.207	0.017	1.202	0.017
0.400	1.607	0.000	1.266	0.008	1.230	0.008	1.225	0.008
0.500	1.717	0.000	1.291	0.005	1.253	0.005	1.249	0.005
0.600	1.819	0.000	1.315	0.003	1.277	0.003	1.272	0.003
0.700	1.916	0.000	1.339	0.002	1.301	0.002	1.296	0.002
0.800	2.008	0.000	1.363	0.002	1.324	0.002	1.319	0.002
0.900	2.098	0.000	1.386	0.001	1.347	0.001	1.342	0.001
1.000	2.185	0.000	1.409	0.001	1.369	0.001	1.364	0.001

Electrolyte	SrSO <sub>4</sub>		SrS <sub>2</sub> O <sub>3</sub>		TiC <sub>2</sub> H <sub>3</sub> O <sub>2</sub>		TiCl	
	Λ <sup>0</sup> =139.3 a=4.5		Λ <sup>0</sup> =146.9 a=4.5		Λ <sup>0</sup> =115.9 a=3.5		Λ <sup>0</sup> =151.2 a=2.8	
Conc.	Dof	Dpikal	Dof	Dpikal	Dof	Dpikal	Dof	Dpikal
0.000	0.907	0.908	0.942	0.943	1.411	1.411	2.012	2.013
0.001	0.772	0.788	0.802	0.816	1.388	1.386	1.981	1.980
0.002	0.731	0.755	0.759	0.781	1.380	1.378	1.970	1.968
0.003	0.706	0.712	0.732	0.737	1.374	1.372	1.962	1.959
0.004	0.688	0.691	0.714	0.715	1.369	1.367	1.955	1.953
0.005	0.676	0.674	0.701	0.697	1.365	1.363	1.950	1.947
0.006	0.667	0.659	0.692	0.681	1.362	1.359	1.945	1.942
0.007	0.661	0.646	0.686	0.668	1.359	1.356	1.940	1.937
0.008	0.658	0.634	0.682	0.656	1.356	1.353	1.936	1.933
0.009	0.655	0.624	0.679	0.645	1.353	1.350	1.933	1.930
0.010	0.654	0.614	0.678	0.635	1.351	1.348	1.929	1.926
0.020	0.698	0.559	0.723	0.579	1.336	1.329	1.906	1.901
0.030	0.802	0.532	0.830	0.551	1.327	1.317	1.892	1.885
0.040	0.930	0.511	0.963	0.527	1.321	1.307	1.882	1.873
0.050	1.079	0.490	1.117	0.502	1.318	1.298	1.875	1.862
0.060	1.244	0.468	1.288	0.476	1.314	1.290	1.869	1.853
0.070	1.420	0.446	1.470	0.451	1.311	1.282	1.865	1.846
0.080	1.606	0.468	1.662	0.464	1.309	1.275	1.863	1.839
0.090	1.799	0.444	1.863	0.437	1.308	1.268	1.860	1.832
0.100	2.000	0.422	2.070	0.411	1.307	1.273	1.857	1.826
0.200	4.183	0.258	4.331	0.237	1.310	1.210	1.853	1.772
0.300	6.538	0.182	6.771	0.160	1.319	1.128	1.868	1.717
0.400	8.993	0.134	9.314	0.115	1.333	1.031	1.884	1.655
0.500	11.510	0.105	11.923	0.089	1.348	0.926	1.904	1.586
0.600	14.070	0.085	14.577	0.071	1.365	0.821	1.926	1.562
0.700	16.664	0.071	17.267	0.059	1.382	0.723	1.950	1.487
0.800	19.284	0.061	19.983	0.050	1.402	0.634	1.975	1.409
0.900	21.926	0.053	22.721	0.043	1.418	0.556	2.000	1.331
1.000	24.585	0.047	25.478	0.038	1.435	0.487	2.026	1.253

Electrolyte	TiClO <sub>4</sub>		TiF		TiNO <sub>2</sub>		TiNO <sub>3</sub>	
	Λ <sup>0</sup> =142.2 a=3.0		Λ <sup>0</sup> =130.3 a=3.0		Λ <sup>0</sup> =146.9 a=2.8		Λ <sup>0</sup> =146.32 a=2.8	
Conc.	Dof	Dpikal	Dof	Dpikal	Dof	Dpikal	Dof	Dpikal
0.000	1.887	1.888	1.695	1.696	1.954	1.955	1.946	1.947
0.001	1.858	1.857	1.669	1.668	1.924	1.923	1.916	1.915
0.002	1.848	1.846	1.659	1.658	1.913	1.911	1.905	1.904
0.003	1.841	1.838	1.653	1.651	1.906	1.903	1.898	1.895
0.004	1.834	1.832	1.648	1.645	1.899	1.897	1.892	1.889
0.005	1.829	1.826	1.643	1.640	1.894	1.891	1.886	1.883
0.006	1.825	1.822	1.639	1.636	1.889	1.886	1.881	1.879
0.007	1.821	1.818	1.635	1.632	1.885	1.882	1.877	1.874
0.008	1.817	1.814	1.632	1.629	1.881	1.878	1.873	1.870
0.009	1.814	1.811	1.629	1.626	1.878	1.875	1.870	1.867
0.010	1.811	1.808	1.626	1.623	1.874	1.871	1.867	1.864
0.020	1.790	1.785	1.607	1.603	1.852	1.847	1.844	1.840
0.030	1.777	1.770	1.596	1.589	1.838	1.831	1.830	1.824
0.040	1.768	1.758	1.589	1.578	1.828	1.819	1.821	1.812
0.050	1.762	1.749	1.583	1.569	1.822	1.809	1.814	1.802
0.060	1.758	1.740	1.580	1.561	1.817	1.801	1.809	1.793
0.070	1.755	1.733	1.577	1.554	1.813	1.793	1.805	1.786
0.080	1.752	1.726	1.574	1.547	1.810	1.786	1.803	1.779
0.090	1.749	1.720	1.572	1.541	1.807	1.780	1.800	1.772
0.100	1.747	1.714	1.570	1.535	1.805	1.774	1.798	1.766
0.200	1.747	1.658	1.570	1.476	1.802	1.720	1.794	1.713
0.300	1.761	1.597	1.583	1.411	1.816	1.665	1.809	1.657
0.400	1.778	1.567	1.598	1.377	1.832	1.602	1.824	1.595
0.500	1.798	1.496	1.616	1.301	1.851	1.533	1.844	1.526
0.600	1.819	1.417	1.636	1.219	1.873	1.509	1.865	1.502
0.700	1.843	1.335	1.656	1.134	1.896	1.435	1.889	1.427
0.800	1.866	1.251	1.678	1.049	1.920	1.357	1.913	1.350
0.900	1.891	1.168	1.700	0.967	1.945	1.280	1.937	1.272
1.000	1.916	1.088	1.722	0.889	1.970	1.203	1.963	1.196

Electrolyte	Ti <sub>2</sub> SO <sub>4</sub>		YCl <sub>3</sub>		Y(NO <sub>3</sub> ) <sub>3</sub>		ZnBr <sub>2</sub>	
	Λ <sup>0</sup> =154.7 a=3.3		Λ <sup>0</sup> =141.5 a=6.0		Λ <sup>0</sup> =136.62 a=6.0		Λ <sup>0</sup> =131.9 a=4.5	
Conc.	Dof	Dpikal	Dof	Dpikal	Dof	Dpikal	Dof	Dpikal
0.000	1.543	1.543	1.248	1.248	1.210	1.210	1.270	1.270
0.001	1.467	1.457	1.164	1.085	1.127	1.055	1.216	1.193
0.002	1.442	1.425	1.149	1.006	1.113	0.980	1.200	1.166
0.003	1.425	1.400	1.143	0.937	1.107	0.914	1.190	1.145
0.004	1.412	1.378	1.136	0.853	1.100	0.834	1.183	1.133
0.005	1.402	1.358	1.132	0.766	1.095	0.750	1.178	1.118
0.006	1.393	1.340	1.129	0.679	1.092	0.667	1.173	1.104
0.007	1.386	1.332	1.127	0.596	1.090	0.587	1.170	1.090
0.008	1.379	1.316	1.125	0.529	1.089	0.522	1.167	1.077
0.009	1.373	1.301	1.125	0.460	1.089	0.454	1.165	1.063
0.010	1.368	1.285	1.125	0.399	1.089	0.395	1.164	1.050
0.020	1.338	1.127	1.124	0.112	1.087	0.112	1.148	0.898
0.030	1.317	0.988	1.129	0.044	1.092	0.044	1.143	0.753
0.040	1.305	0.893	1.138	0.022	1.101	0.022	1.144	0.595
0.050	1.297	0.773	1.149	0.013	1.111	0.013	1.142	0.460
0.060	1.293	0.666	1.151	0.008	1.113	0.008	1.141	0.354
0.070	1.290	0.571	1.155	0.005	1.117	0.005	1.142	0.274
0.080	1.290	0.489	1.159	0.004	1.120	0.004	1.144	0.215
0.090	1.287	0.419	1.163	0.003	1.125	0.003	1.146	0.170
0.100	1.286	0.377	1.167	0.002	1.129	0.002	1.148	0.137
0.200	1.296	0.103	1.211	0.000	1.171	0.000	1.177	0.028
0.300	1.328	0.042	1.248	0.000	1.207	0.000	1.198	0.010
0.400	1.349	0.021	1.563	0.000	1.507	0.000	1.222	0.005
0.500	1.372	0.013	1.652	0.000	1.592	0.000	1.245	0.003
0.600	1.397	0.008	1.735	0.000	1.672	0.000	1.268	0.002
0.700	1.422	0.006	1.814	0.000	1.747	0.000	1.291	0.001
0.800	1.448	0.004	1.889	0.000	1.819	0.000	1.313	0.001
0.900	1.473	0.003	1.962	0.000	1.889	0.000	1.334	0.001
1.000	1.499	0.002	2.032	0.000	1.956	0.000	1.356	0.001

Electrolyte	ZnCl <sub>2</sub>		Zn(ClO <sub>3</sub> ) <sub>2</sub>		Zn(ClO <sub>4</sub> ) <sub>2</sub>		ZnF <sub>2</sub>	
	Λ <sup>0</sup> =129.8 a=4.5		Λ <sup>0</sup> =118.1 a=4.8		Λ <sup>0</sup> =120.8 a=4.8		Λ <sup>0</sup> =108.9 a=4.8	
Conc.	Dof	Dpikal	Dof	Dpikal	Dof	Dpikal	Dof	Dpikal
0.000	1.256	1.256	1.169	1.169	1.190	1.190	1.087	1.087
0.001	1.202	1.181	1.119	1.103	1.140	1.123	1.041	1.029
0.002	1.187	1.154	1.105	1.081	1.125	1.100	1.027	1.009
0.003	1.177	1.133	1.096	1.064	1.116	1.083	1.019	0.995
0.004	1.170	1.122	1.089	1.050	1.110	1.068	1.013	0.982
0.005	1.165	1.107	1.085	1.033	1.105	1.050	1.009	0.967
0.006	1.161	1.093	1.081	1.020	1.101	1.037	1.005	0.956
0.007	1.157	1.080	1.078	1.008	1.098	1.024	1.002	0.945
0.008	1.155	1.066	1.076	0.996	1.096	1.012	1.000	0.934
0.009	1.152	1.053	1.074	0.984	1.094	0.999	0.999	0.924
0.010	1.151	1.040	1.072	0.971	1.091	0.987	0.996	0.913
0.020	1.135	0.891	1.058	0.851	1.078	0.863	0.984	0.807
0.030	1.130	0.748	1.054	0.699	1.074	0.706	0.980	0.671
0.040	1.132	0.592	1.054	0.551	1.074	0.555	0.980	0.535
0.050	1.129	0.459	1.053	0.425	1.073	0.427	0.979	0.418
0.060	1.129	0.354	1.053	0.326	1.073	0.327	0.979	0.324
0.070	1.130	0.274	1.054	0.256	1.074	0.256	0.980	0.256
0.080	1.131	0.215	1.056	0.200	1.076	0.200	0.982	0.201
0.090	1.133	0.171	1.058	0.158	1.078	0.158	0.984	0.160
0.100	1.135	0.137	1.061	0.127	1.081	0.126	0.986	0.128
0.200	1.164	0.028	1.086	0.026	1.106	0.025	1.009	0.026
0.300	1.185	0.010	1.107	0.010	1.127	0.010	1.029	0.010
0.400	1.208	0.005	1.129	0.005	1.150	0.005	1.049	0.005
0.500	1.231	0.003	1.150	0.003	1.172	0.003	1.070	0.003
0.600	1.254	0.002	1.172	0.002	1.193	0.002	1.089	0.002
0.700	1.277	0.001	1.192	0.001	1.214	0.001	1.108	0.001
0.800	1.298	0.001	1.212	0.001	1.235	0.001	1.127	0.001
0.900	1.320	0.001	1.232	0.001	1.255	0.001	1.145	0.001
1.000	1.341	0.001	1.251	0.001	1.274	0.001	1.163	0.001

Electrolyte	ZnI <sub>2</sub>		Zn(NO <sub>3</sub> ) <sub>2</sub>		Zn(SCN) <sub>2</sub>		ZnSO <sub>4</sub>	
	Λ <sup>0</sup> =130.4 a=4.5		Λ <sup>0</sup> =124.92 a=4.5		Λ <sup>0</sup> =120.0 a=4.8		Λ <sup>0</sup> =133.3 a=3.64	
Conc.	Dof	Dpikal	Dof	Dpikal	Dof	Dpikal	Dof	Dpikal
0.000	1.260	1.260	1.221	1.222	1.184	1.184	0.853	0.853
0.001	1.206	1.184	1.170	1.150	1.134	1.117	0.730	0.768
0.002	1.191	1.157	1.154	1.124	1.119	1.095	0.693	0.760
0.003	1.181	1.137	1.145	1.105	1.110	1.077	0.670	0.758
0.004	1.174	1.125	1.138	1.094	1.104	1.063	0.655	0.759
0.005	1.168	1.110	1.133	1.080	1.099	1.045	0.644	0.760
0.006	1.164	1.096	1.129	1.067	1.095	1.032	0.637	0.760
0.007	1.161	1.083	1.126	1.054	1.092	1.020	0.633	0.759
0.008	1.158	1.069	1.123	1.041	1.090	1.007	0.630	0.661
0.009	1.156	1.056	1.121	1.029	1.088	0.995	0.629	0.654
0.010	1.155	1.043	1.120	1.016	1.086	0.982	0.630	0.648
0.020	1.139	0.893	1.104	0.874	1.072	0.859	0.681	0.585
0.030	1.134	0.749	1.099	0.737	1.068	0.704	0.785	0.529
0.040	1.135	0.593	1.101	0.586	1.068	0.553	0.920	0.506
0.050	1.133	0.459	1.098	0.456	1.067	0.426	1.079	0.481
0.060	1.133	0.354	1.098	0.353	1.067	0.327	1.246	0.456
0.070	1.133	0.274	1.099	0.274	1.068	0.256	1.425	0.433
0.080	1.135	0.215	1.100	0.215	1.070	0.200	1.614	0.411
0.090	1.137	0.171	1.102	0.171	1.072	0.158	1.812	0.391
0.100	1.139	0.137	1.104	0.138	1.075	0.126	2.016	0.414
0.200	1.168	0.028	1.132	0.028	1.100	0.026	4.327	0.261
0.300	1.189	0.010	1.153	0.011	1.121	0.010	6.758	0.189
0.400	1.212	0.005	1.176	0.005	1.144	0.005	9.291	0.138
0.500	1.235	0.003	1.198	0.003	1.165	0.003	11.886	0.107
0.600	1.258	0.002	1.220	0.002	1.187	0.002	14.526	0.086
0.700	1.281	0.001	1.242	0.001	1.208	0.001	17.200	0.071
0.800	1.303	0.001	1.264	0.001	1.228	0.001	19.899	0.061
0.900	1.324	0.001	1.284	0.001	1.248	0.001	22.620	0.053
1.000	1.345	0.001	1.305	0.001	1.268	0.001	25.358	0.046



Electrolyte	ZnSeO <sub>4</sub>							
	$\Lambda^0=129.2$ a=50		$\Lambda^0=$ a=		$\Lambda^0=$ a=		$\Lambda^0=$ a=	
Conc.	Dof	Dpikal	Dof	Dpikal	Dof	Dpikal	Dof	Dpikal
0.000	0.834	0.835						
0.001	0.710	0.715						
0.002	0.673	0.677						
0.003	0.649	0.651						
0.004	0.633	0.630						
0.005	0.622	0.612						
0.006	0.614	0.597						
0.007	0.608	0.577						
0.008	0.603	0.565						
0.009	0.601	0.555						
0.010	0.600	0.546						
0.020	0.640	0.485						
0.030	0.731	0.446						
0.040	0.848	0.448						
0.050	0.983	0.420						
0.060	1.133	0.392						
0.070	1.293	0.365						
0.080	1.462	0.339						
0.090	1.638	0.316						
0.100	1.825	0.294						
0.200	3.779	0.169						
0.300	5.909	0.110						
0.400	8.129	0.080						
0.500	10.406	0.062						
0.600	12.723	0.050						
0.700	15.070	0.041						
0.800	17.441	0.035						
0.900	24.020	0.030						
1.000	27.327	0.027						

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