Supporting information:

Table 1. The molar electric conductance, Λ/S·cm^2·mol^{-1}, of nicotinic acid (3) in {water (1) + dextran (2)} solution at c_2 = 0 g.dm^{-3}

c_3 / m-mol.dm^{-3}	Λ/S·cm^2·mol^{-1}				
	T=293.15 K	T=298.15 K	T=303.15 K	T=308.15 K	T=313.15 K
4.999	15.76	17.79	19.84	22.28	24.41
9.627	10.91	11.63	13.87	15.74	16.94
13.93	8.610	9.979	11.37	12.71	13.67
17.93	7.815	8.839	9.950	10.87	11.93
21.67	7.045	7.994	8.954	10.07	10.96
25.15	6.499	7.253	8.395	9.365	10.19
28.43	6.092	6.914	7.857	8.761	9.641
31.51	5.773	6.467	7.448	8.414	9.135
34.40	5.514	6.266	7.146	8.025	8.688
37.13	5.319	6.039	6.893	7.723	8.440
39.71	5.157	5.844	6.685	7.489	8.091
42.15	4.987	5.678	6.502	7.309	7.893
44.46	4.865	5.507	6.342	7.134	7.708
46.65	4.760	5.426	6.204	6.972	7.571
48.74	4.670	5.321	6.073	6.832	7.458
50.72	4.588	5.226	5.978	6.690	7.350
52.60	4.517	5.141	5.885	6.636	7.256
54.40	4.439	5.067	5.800	6.541	7.178
56.12	4.383	5.001	5.723	6.470	7.094
57.76	4.342	4.933	5.659	6.405	6.968
59.33	4.288	4.882	5.597	6.330	7.011
60.83	4.236	4.834	5.539	6.263	6.876

62.27	4.196	4.789	5.485	6.211	6.820
63.66	4.163	4.745	5.446	6.166	6.757
64.98	4.124	4.705	5.387	6.103	6.703
66.26	4.095	4.666	5.341	6.076	6.671
67.48	4.065	4.630	5.309	6.034	6.661
68.66	4.023	4.594	5.276	5.992	6.609
69.80	3.996	4.560	5.232	5.954	6.554
70.89	3.951	4.537	5.217	5.900	6.565
71.95	3.930	4.509	5.177	5.889	6.534
72.96	3.902	4.481	5.165	5.841	6.503
73.95	3.881	4.469	5.138	5.865	6.535
74.90	3.86	4.422	5.120	5.807	6.518
75.80	3.814	4.401	5.102	5.783	6.480

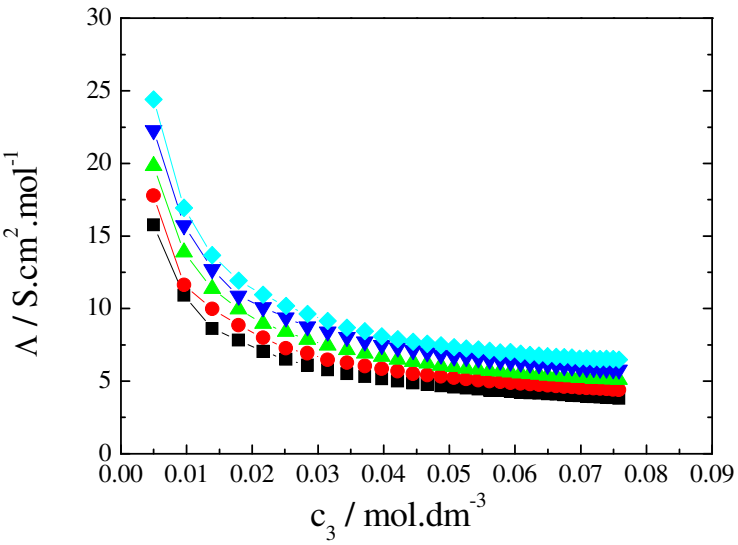


Figure 1. The molar electric conductance, Λ/ S·cm^2·mol^{-1}, of nicotinic acid (3) in {water (1) + dextran (2)} solution at $c_2 = 0$ g.dm^{-3}. T= ■, 293.15 K; ●,298.15 K; ▲, 303.15 K; ▼, 308.15 K; and ♦, 313.15 K.

Table 2. The molar electric conductance, Λ/ S·cm^2·mol^{-1}, of nicotinic acid (3) in {water (1) + dextran (2)} solution at c_2 = 1.6206 g.dm^{-3}

c_3/ m-mol.dm^{-3}	Λ/S·cm^2·mol^{-1}				
	T=293.15 K	T=298.15 K	T=303.15 K	T=308.15 K	T=313.15 K
4.999	15.25	16.55	19.10	20.96	22.59
9.627	10.54	11.93	13.40	14.44	15.73
13.92	8.537	9.714	10.83	12.10	13.47
17.93	7.435	8.444	9.488	10.74	11.84
21.66	6.707	7.625	8.568	9.651	10.79
25.15	6.193	7.031	7.934	8.959	9.984
28.43	5.807	6.598	7.453	8.426	9.428
31.51	5.522	6.268	7.077	8.028	8.897
34.40	5.275	5.996	6.781	7.675	8.576
37.13	5.084	5.800	6.544	7.418	8.276
39.71	4.915	5.620	6.350	7.183	7.993
42.15	4.785	5.468	6.194	7.005	7.842
44.46	4.655	5.341	6.036	6.845	7.688
46.65	4.561	5.227	5.915	6.706	7.516
48.74	4.481	5.131	5.800	6.579	7.416
51.67	4.348	4.994	5.664	6.411	7.217
54.40	4.262	4.881	5.532	6.271	7.055
56.95	4.172	4.784	5.429	6.180	6.873
59.33	4.110	4.702	5.346	6.058	6.828
61.56	4.043	4.631	5.261	5.977	6.727
63.66	3.990	4.566	5.195	5.898	6.639
65.63	3.928	4.508	5.112	5.832	6.577
67.48	3.876	4.457	5.083	5.785	6.491
69.23	3.845	4.408	5.028	5.722	6.437

70.89	3.808	4.373	4.991	5.660	6.378
73.46	3.750	4.316	4.925	5.612	6.298
75.81	3.692	4.263	4.862	5.537	6.232
77.98	3.626	4.215	4.806	5.469	6.182
79.98	3.631	4.176	4.762	5.431	6.118

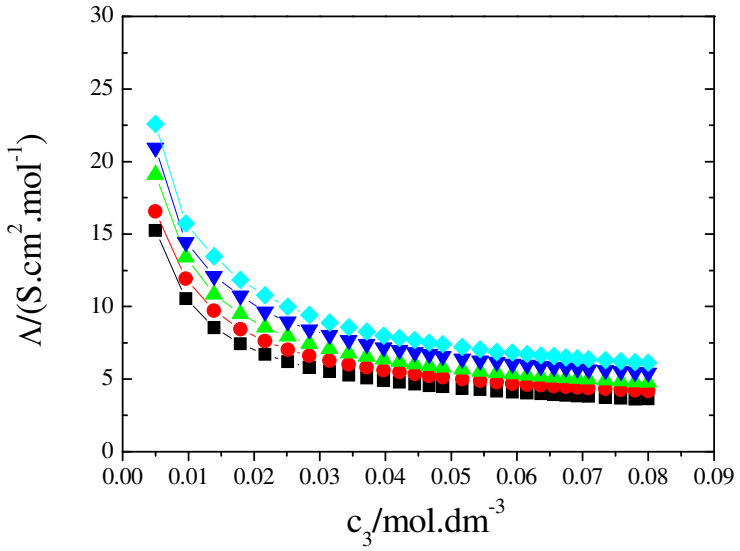


Figure 2. The molar electric conductance, Λ/ S·cm^2·mol^{-1}, of nicotinic acid (3) in {water (1) + dextran (2)} solution at c_2 = 1.6206 g.dm^{-3}.T= ■, 293.15 K; ●,298.15 K; ▲, 303.15 K; ▼, 308.15 K; and ♦, 313.15 K.

Table 3. The molar electric conductance, Λ/ S·cm^2·mol^{-1}, of nicotinic acid (3) in {water (1) + dextran (2)} solution at c_2 = 3.2412 g.dm^{-3}

c_3/ m-mol.dm^{-3}	Λ/S·cm^2·mol^{-1}				
	T=293.15 K	T=298.15 K	T=303.15 K	T=308.15 K	T=313.15 K
4.999	14.16	16.89	19.12	21.05	23.48
9.627	9.857	11.62	13.30	14.81	16.50
13.92	8.473	9.598	10.95	12.06	13.38
17.93	7.324	8.365	9.532	10.59	11.71
21.66	6.749	7.583	8.623	9.552	10.65
25.15	6.213	7.023	7.978	8.881	9.894
28.43	5.856	6.590	7.484	8.357	9.282
31.51	5.560	6.261	7.125	7.970	8.855
34.40	5.313	5.989	6.830	7.624	8.481
37.13	5.122	5.791	6.603	7.390	8.213
39.71	4.955	5.614	6.396	7.134	7.959
42.15	4.821	5.470	6.194	6.973	7.765
44.46	4.698	5.341	6.097	6.831	7.590
46.65	4.602	5.225	5.945	6.675	7.457
48.74	4.504	5.122	5.843	6.562	7.321
51.67	4.383	4.988	5.680	6.400	7.150
54.40	4.286	4.885	5.562	6.272	6.990
56.95	4.196	4.796	5.453	6.147	6.862
59.33	4.119	4.695	5.336	6.063	6.755
61.56	4.051	4.624	5.261	5.984	6.682
63.66	3.995	4.560	5.204	5.907	6.607
65.63	3.940	4.505	5.147	5.847	6.525
67.48	3.882	4.449	5.090	5.787	6.474
69.23	3.858	4.409	5.035	5.728	6.424

70.89	3.820	4.372	4.955	5.691	6.396
73.46	3.771	4.313	4.926	5.625	6.307
75.81	3.722	4.257	4.871	5.564	6.226
77.98	3.688	4.207	4.796	5.496	6.207
79.98	3.647	4.160	4.772	5.459	6.153

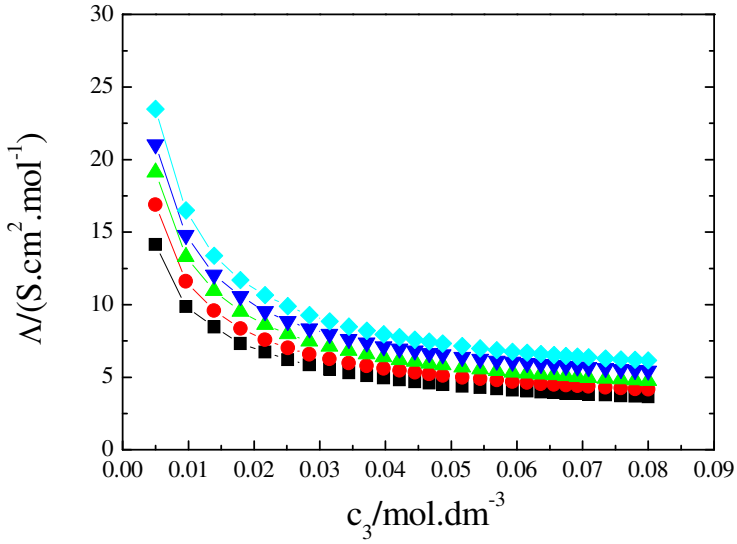


Figure 3. The molar electric conductance, Λ/ S·cm^2·mol^{-1}, of nicotinic acid (3) in {water (1) + dextran (2)} solution at c_2 = 3.2412 g.dm^{-3}. T= ■, 293.15 K; ●,298.15 K; ▲, 303.15 K; ▼, 308.15 K; and ♦, 313.15 K.

Table 4. The molar electric conductance, Λ/ S·cm^2·mol^{-1}, of nicotinic acid (3) in {water (1) + dextran (2)} solution at c_2 = 4.8615 g.dm^{-3}

c_3/ m-mol.dm^{-3}	Λ/S·cm^2·mol^{-1}				
	T=293.15 K	T=298.15 K	T=303.15 K	T=308.15 K	T=313.15 K
4.999	14.55	16.69	18.61	20.30	23.31
9.627	10.20	11.73	13.02	14.52	15.93
13.92	8.539	9.330	10.77	11.93	13.22
17.93	7.448	8.346	9.363	10.16	11.59
21.66	6.704	7.558	8.432	9.422	10.54
25.15	6.162	6.998	7.766	8.515	9.808
28.43	5.882	6.497	7.342	8.216	9.252
31.51	5.558	6.241	6.978	7.858	8.815
34.40	5.279	5.948	6.713	7.543	8.442
37.13	5.141	5.745	6.478	7.274	8.169
39.71	5.004	5.566	6.294	7.053	7.908
42.15	4.842	5.440	6.131	6.863	7.746
44.46	4.728	5.315	6.002	6.718	7.558
46.65	4.632	5.200	5.880	6.567	7.417
48.74	4.533	5.107	5.758	6.473	7.270
51.67	4.397	4.968	5.609	6.322	7.097
54.40	4.316	4.855	5.484	6.172	6.950
56.95	4.221	4.743	5.381	6.077	6.813
59.33	4.162	4.666	5.291	5.960	6.695
61.56	4.102	4.599	5.200	5.872	6.613
63.66	4.022	4.540	5.150	5.806	6.513
65.63	4.005	4.485	5.084	5.729	6.460
67.48	3.960	4.446	5.039	5.687	6.402
69.23	3.897	4.393	4.994	5.640	6.356

70.89	3.875	4.359	4.942	5.604	6.306
73.46	3.813	4.295	4.884	5.500	6.220
75.81	3.753	4.238	4.830	5.438	6.148
77.98	3.717	4.196	4.781	5.394	6.103
79.98	3.679	4.159	4.731	5.361	6.043

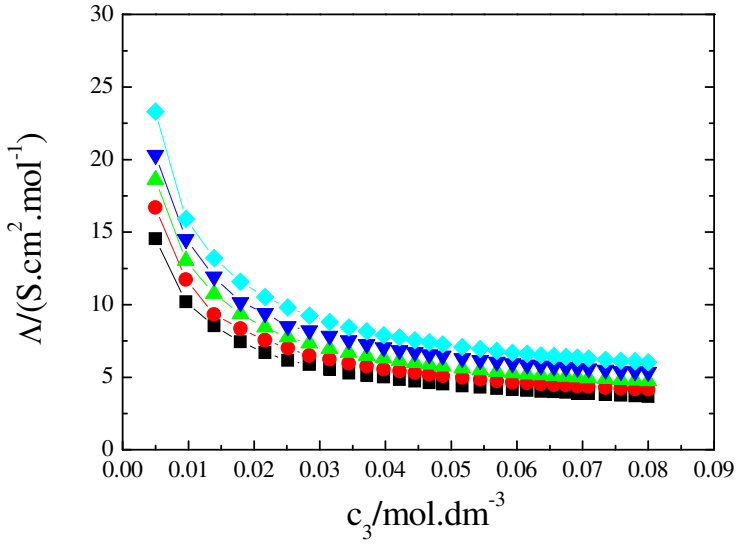


Figure 4. The molar electric conductance, Λ/ S·cm^2·mol^{-1}, of nicotinic acid (3) in {water (1) + dextran (2)} solution at c_2 = 4.8615 g.dm^{-3}. T= ■, 293.15 K; ●,298.15 K; ▲, 303.15 K; ▼, 308.15 K; and ♦, 313.15 K.

Table 5. The molar electric conductance, Λ/ S·cm^2·mol^{-1}, of nicotinic acid (3) in {water (1) + dextran (2)} solution at c_2 = 8.1026 g.dm^{-3}

c_3/ m-mol.dm^{-3}	Λ/S·cm^2·mol^{-1}				
	T=293.15 K	T=298.15 K	T=303.15 K	T=308.15 K	T=313.15 K
4.999	14.53	16.61	19.11	20.30	21.27
9.627	10.21	11.69	13.37	14.40	16.09
13.92	8.211	9.416	10.82	11.75	13.07
17.93	7.265	8.352	9.439	10.30	11.50
21.66	6.529	7.549	8.546	9.375	10.52
25.15	6.052	6.982	7.919	8.673	9.784
28.43	5.671	6.561	7.433	8.166	9.192
31.51	5.393	6.215	7.081	7.749	8.758
34.40	5.163	5.951	6.770	7.431	8.395
37.13	4.980	5.729	6.525	7.189	8.131
39.71	4.813	5.558	6.321	6.969	7.880
42.15	4.682	5.405	6.150	6.753	7.675
44.46	4.564	5.268	6.010	6.623	7.508
46.65	4.478	5.170	5.890	6.507	7.359
48.74	4.387	5.070	5.778	6.407	7.247
51.67	4.277	4.935	5.614	6.240	7.087
54.40	4.179	4.818	5.461	6.102	6.939
56.95	4.079	4.717	5.285	5.932	6.797
59.33	4.014	4.635	5.247	5.893	6.703
61.56	3.953	4.571	5.195	5.782	6.600
63.66	3.895	4.504	5.143	5.710	6.517
65.63	3.831	4.448	5.094	5.660	6.432
67.48	3.803	4.391	5.004	5.591	6.392
69.23	3.78327	4.342	4.980	5.556	6.332

70.89	3.720	4.313	4.935	5.495	6.293
73.46	3.668	4.260	4.867	5.417	6.204
75.81	3.642	4.204	4.805	5.346	6.136
77.98	3.596	4.157	4.754	5.328	6.097
79.98	3.595	4.108	4.700	5.236	6.007

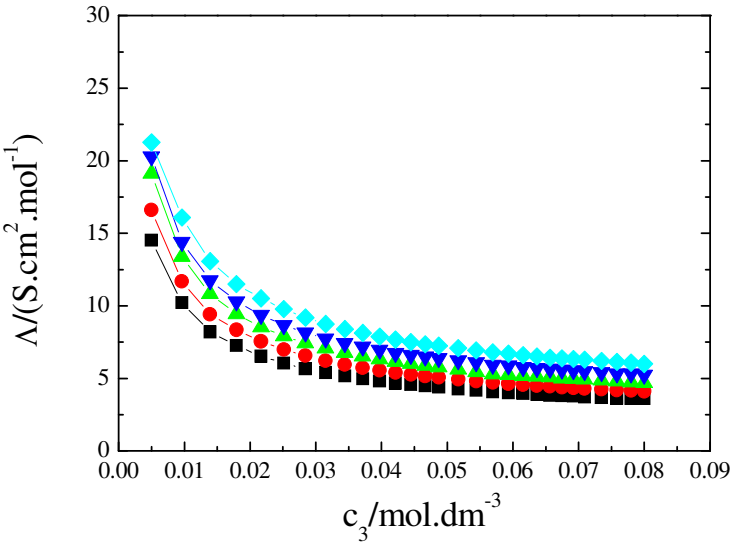


Figure 5. The molar electric conductance, Λ/ S·cm^2·mol^{-1}, of nicotinic acid (3) in {water (1) + dextran (2)} solution at c_2 = 8.1026 g.dm^{-3}. T= ■, 293.15 K; ●,298.15 K; ▲, 303.15 K; ▼, 308.15 K; and ♦, 313.15 K.

Table 6. The molar electric conductance, Λ/ S·cm^2·mol^{-1}, of nicotinic acid (3) in {water (1) + dextran (2)} solution at c_2 = 11.343 g.dm^{-3}

c_3/ m-mol.dm^{-3}	Λ/S·cm^2·mol^{-1}				
	T=293.15 K	T=298.15 K	T=303.15 K	T=308.15 K	T=313.15 K
4.999	14.36	15.66	18.35	20.37	23.41
9.627	10.10	11.07	13.01	14.37	16.34
13.93	7.992	9.135	10.65	11.74	13.27
17.93	7.218	8.089	9.223	10.22	11.76
21.66	6.504	7.364	8.423	9.298	10.67
25.15	6.042	6.818	7.793	8.635	9.852
28.43	5.652	6.398	7.325	8.1147	9.284
31.51	5.364	6.069	6.952	7.729	8.837
34.40	5.127	5.831	6.675	7.430	8.497
37.13	4.933	5.645	6.432	7.161	8.193
39.71	4.777	5.462	6.233	6.922	7.946
42.15	4.633	5.312	6.017	6.747	7.751
44.46	4.512	5.184	5.941	6.606	7.578
46.65	4.422	5.061	5.799	6.480	7.449
48.74	4.335	4.961	5.699	6.357	7.297
51.67	4.223	4.819	5.559	6.201	7.120
54.40	4.128	4.698	5.423	6.071	6.978
56.95	4.014	4.636	5.305	5.965	6.857
59.33	3.966	4.547	5.237	5.852	6.727
61.56	3.905	4.487	5.165	5.747	6.667
63.66	3.850	4.419	5.083	5.687	6.570
65.63	3.793	4.395	5.040	5.576	6.522
67.48	3.755	4.329	4.989	5.590	6.432
69.23	3.719	4.316	4.943	5.545	6.398

70.89	3.684	4.250	4.912	5.518	6.351
73.46	3.614	4.197	4.811	5.434	6.287
75.81	3.584	4.146	4.752	5.357	6.213
77.98	3.547	4.102	4.734	5.325	6.144
79.98	3.496	4.064	4.696	5.271	6.082

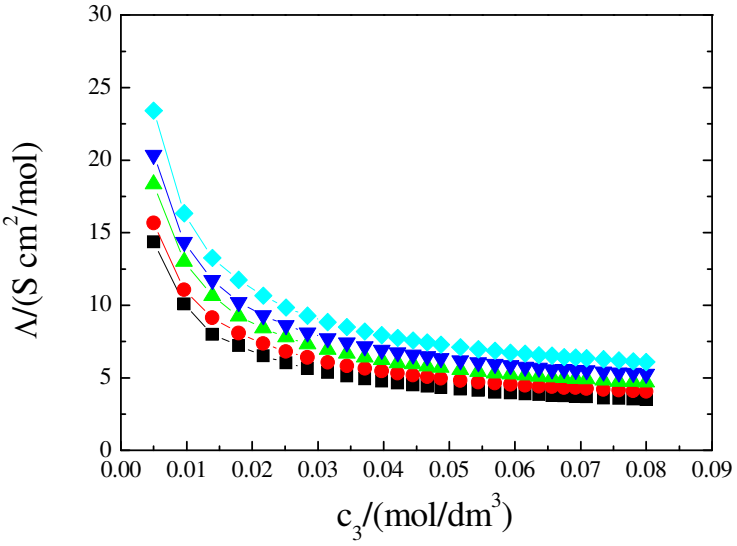


Figure 6. The molar electric conductance, Λ/ S·cm^2·mol^{-1}, of nicotinic acid (3) in {water (1) + dextran (2)} solution at c_2 = 11.343 g·dm^{-3}. T= ■, 293.15 K; ●,298.15 K; ▲, 303.15 K; ▼, 308.15 K; and ♦, 313.15 K.