SUPPORTING INFORMATION

Experimental Determination of Densities and Refractive Indices of the Ternary Mixture 2-Methyl-2-propanol + Cyclohexylamine + n-Heptane at T = (303.15 to 323.15) K

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Table S1. Densities ρ and Excess Molar Volumes V^E of the 2-Methyl-2-propanol (1) + n-Heptane (2) at T=(303.15 to 323.15)K and Atmospheric Pressure

x_1	$\rho \times 10^{-3}$ / kg·m^{-3}	$V^E \times 10^6$ / m^3·mol^{-1}	x_1	$\rho \times 10^{-3}$ / kg·m^{-3}	$V^E \times 10^6$ / m^3·mol^{-1}	x_1	$\rho \times 10^{-3}$ / kg·m^{-3}	$V^E \times 10^6$ / m^3·mol^{-1}
				T = 303.15 K				
0.0000	0.67523	-	0.4000	0.70030	0.914	0.8479	0.74934	0.588
0.1006	0.67990	0.434	0.4998	0.70871	0.991	0.8998	0.75756	0.410
0.1502	0.68280	0.549	0.6000	0.71833	0.997	0.9499	0.76616	0.214
0.2000	0.68590	0.648	0.7000	0.72945	0.907	1.0000	0.77541	-
0.3000	0.69271	0.803	0.7998	0.74231	0.725			
				T = 308.15 K				
0.0000	0.67094	-	0.4000	0.69563	0.946	0.8479	0.74430	0.600
0.1006	0.67541	0.471	0.4998	0.70400	1.016	0.8998	0.75245	0.421
0.1502	0.67826	0.589	0.6000	0.71357	1.014	0.9499	0.76099	0.220
0.2000	0.68133	0.689	0.7000	0.72460	0.921	1.0000	0.77019	-
0.3000	0.68808	0.842	0.7998	0.73734	0.737			
				T = 313.15 K				
0.0000	0.66662	-	0.4000	0.69088	0.985	0.8479	0.73920	0.611
0.1006	0.67087	0.511	0.4998	0.69921	1.045	0.8998	0.74727	0.430
0.1502	0.67367	0.634	0.6000	0.70873	1.035	0.9499	0.75575	0.225
0.2000	0.67669	0.736	0.7000	0.71969	0.935	1.0000	0.76488	-
0.3000	0.68338	0.887	0.7998	0.73231	0.749			
				T = 318.15 K				
0.0000	0.66227	-	0.4000	0.68606	1.031	0.8479	0.73402	0.623
0.1006	0.66628	0.556	0.4998	0.69433	1.084	0.8998	0.74202	0.438
0.1502	0.66902	0.686	0.6000	0.70380	1.063	0.9499	0.75042	0.229
0.2000	0.67200	0.790	0.7000	0.71468	0.954	1.0000	0.75949	-
0.3000	0.67861	0.939	0.7998	0.72720	0.761			
				T = 323.15 K				
0.0000	0.65790	-	0.4000	0.68114	1.088	0.8479	0.72876	0.636
0.1006	0.66165	0.604	0.4998	0.68937	1.130	0.8998	0.73669	0.448
0.1502	0.66432	0.743	0.6000	0.69878	1.099	0.9499	0.74502	0.235
0.2000	0.66724	0.852	0.7000	0.70959	0.980	1.0000	0.75402	-
0.3000	0.67377	1.000	0.7998	0.72199	0.780			

Table S2. Refractive indices n_D and Deviations of refractive indices Δn_D of the Binary Systems at T=(303.15 to 323.15)K and Atmospheric Pressure

x_1	n_D	Δn_D	x_1	n_D	Δn_D	x_1	n_D	Δn_D
2-Methyl-2-Propanol (1) + Cyclohexylamine (2)								
				T = 303.15 K				
0.0000	1.4538	-	0.3005	1.4385	0.0062	0.7999	1.4019	0.0054
0.0508	1.4515	0.0014	0.3991	1.4325	0.0073	0.8712	1.3955	0.0041
0.1002	1.4491	0.0026	0.4996	1.4258	0.0078	0.8992	1.3926	0.0032
0.1502	1.4466	0.0036	0.5998	1.4186	0.0077	0.9504	1.3875	0.0017
0.2001	1.4441	0.0046	0.6997	1.4106	0.0069	1.0000	1.3822	-
				T = 308.15 K				
0.0000	1.4511	-	0.3005	1.4359	0.0063	0.7999	1.3993	0.0055
0.0508	1.4489	0.0014	0.3991	1.4299	0.0074	0.8712	1.3928	0.0041
0.1002	1.4466	0.0026	0.4996	1.4232	0.0079	0.8992	1.3900	0.0033
0.1502	1.4440	0.0037	0.5998	1.4160	0.0078	0.9504	1.3848	0.0018
0.2001	1.4415	0.0047	0.6997	1.4081	0.0071	1.0000	1.3795	-
				T = 313.15 K				
0.0000	1.4486	-	0.3005	1.4333	0.0063	0.7999	1.3968	0.0057
0.0508	1.4463	0.0014	0.3991	1.4273	0.0075	0.8712	1.3901	0.0042
0.1002	1.4440	0.0026	0.4996	1.4206	0.0080	0.8992	1.3872	0.0033
0.1502	1.4414	0.0037	0.5998	1.4134	0.0079	0.9504	1.3821	0.0018
0.2001	1.4389	0.0047	0.6997	1.4054	0.0072	1.0000	1.3767	-
				T = 318.15 K				
0.0000	1.4460	-	0.3005	1.4307	0.0064	0.7999	1.3941	0.0058
0.0508	1.4437	0.0014	0.3991	1.4247	0.0075	0.8712	1.3873	0.0042
0.1002	1.4413	0.0026	0.4996	1.4180	0.0081	0.8992	1.3845	0.0034
0.1502	1.4388	0.0037	0.5998	1.4108	0.0081	0.9504	1.3792	0.0018
0.2001	1.4363	0.0048	0.6997	1.4028	0.0073	1.0000	1.3738	-
				T = 323.15 K				
0.0000	1.4434	-	0.3005	1.4281	0.0065	0.7999	1.3914	0.0059
0.0508	1.4411	0.0014	0.3991	1.4222	0.0077	0.8712	1.3846	0.0043
0.1002	1.4388	0.0027	0.4996	1.4155	0.0083	0.8992	1.3818	0.0035
0.1502	1.4363	0.0038	0.5998	1.4082	0.0082	0.9504	1.3764	0.0019
0.2001	1.4337	0.0048	0.6997	1.4002	0.0075	1.0000	1.3710	-
2-Methyl-2-propanol (1) + n-Heptane (2)								
				T = 303.15 K				
0	1.3826	-	0.4000	1.3794	-0.0031	0.8479	1.3801	-0.0022
0.1006	1.3814	-0.0012	0.4998	1.3791	-0.0033	0.8998	1.3807	-0.0016
0.1502	1.3809	-0.0016	0.6000	1.3790	-0.0034	0.9499	1.3814	-0.0009
0.2000	1.3805	-0.0020	0.7000	1.3792	-0.0032	1	1.3822	-
0.3000	1.3798	-0.0026	0.7998	1.3797	-0.0026			
				T = 308.15 K				
0	1.3800	-	0.4000	1.3767	-0.0031	0.8479	1.3774	-0.0022
0.1006	1.3787	-0.0013	0.4998	1.3764	-0.0033	0.8998	1.3779	-0.0016
0.1502	1.3782	-0.0017	0.6000	1.3763	-0.0033	0.9499	1.3786	-0.0009
0.2000	1.3778	-0.0021	0.7000	1.3765	-0.0031	1	1.3795	-
0.3000	1.3771	-0.0027	0.7998	1.3770	-0.0026			
				T = 313.15 K				

0	1.3773	-	0.4000	1.3739	-0.0032	0.8479	1.3745	-0.0023
0.1006	1.3759	-0.0013	0.4998	1.3736	-0.0034	0.8998	1.3751	-0.0017
0.1502	1.3754	-0.0018	0.6000	1.3735	-0.0034	0.9499	1.3758	-0.0009
0.2000	1.3750	-0.0022	0.7000	1.3736	-0.0032	1	1.3767	-
0.3000	1.3743	-0.0028	0.7998	1.3741	-0.0027			
				T = 318.15 K				
0	1.3746	-	0.4000	1.3711	-0.0032	0.8479	1.3718	-0.0022
0.1006	1.3731	-0.0014	0.4998	1.3709	-0.0034	0.8998	1.3723	-0.0016
0.1502	1.3726	-0.0019	0.6000	1.3708	-0.0034	0.9499	1.3730	-0.0009
0.2000	1.3721	-0.0023	0.7000	1.3709	-0.0031	1	1.3738	-
0.3000	1.3715	-0.0029	0.7998	1.3714	-0.0026			
				T = 323.15 K				
0	1.3720	-	0.4000	1.3683	-0.0033	0.8479	1.3689	-0.0022
0.1006	1.3703	-0.0016	0.4998	1.3681	-0.0034	0.8998	1.3694	-0.0017
0.1502	1.3697	-0.0021	0.6000	1.3680	-0.0034	0.9499	1.3701	-0.0009
0.2000	1.3693	-0.0025	0.7000	1.3681	-0.0031	1	1.3710	-
0.3000	1.3687	-0.0030	0.7998	1.3686	-0.0026			

Cyclohexyilamine (1) + n-Heptane (2)

				T = 303.15 K				
0	1.3826	-	0.3004	1.3993	-0.0047	0.6498	1.4238	-0.0050
0.0501	1.3851	-0.0011	0.4010	1.4058	-0.0053	0.6994	1.4277	-0.0046
0.1002	1.3877	-0.0020	0.4497	1.4092	-0.0054	0.7999	1.4359	-0.0036
0.1501	1.3904	-0.0029	0.5597	1.4171	-0.0053	0.8992	1.4445	-0.0021
0.2305	1.3950	-0.0040	0.6001	1.4200	-0.0053	1	1.4538	-
				T = 308.15 K				
0	1.3800	-	0.3004	1.3967	-0.0046	0.6498	1.4212	-0.0050
0.0501	1.3825	-0.0011	0.4010	1.4032	-0.0053	0.6994	1.4251	-0.0046
0.1002	1.3851	-0.0020	0.4497	1.4066	-0.0054	0.7999	1.4333	-0.0036
0.1501	1.3878	-0.0029	0.5597	1.4145	-0.0053	0.8992	1.4419	-0.0021
0.2305	1.3925	-0.0039	0.6001	1.4174	-0.0053	1	1.4511	-
				T = 313.15 K				
0	1.3773	-	0.3004	1.3941	-0.0046	0.6498	1.4186	-0.0050
0.0501	1.3798	-0.0010	0.4010	1.4006	-0.0053	0.6994	1.4225	-0.0047
0.1002	1.3825	-0.0020	0.4497	1.4039	-0.0054	0.7999	1.4307	-0.0037
0.1501	1.3852	-0.0028	0.5597	1.4118	-0.0054	0.8992	1.4393	-0.0021
0.2305	1.3898	-0.0039	0.6001	1.4148	-0.0053	1	1.4486	-
				T = 318.15 K				
0	1.3746	-	0.3004	1.3915	-0.0046	0.6498	1.4160	-0.0051
0.0501	1.3772	-0.0010	0.4010	1.3980	-0.0053	0.6994	1.4198	-0.0047
0.1002	1.3798	-0.0020	0.4497	1.4013	-0.0054	0.7999	1.4280	-0.0037
0.1501	1.3826	-0.0028	0.5597	1.4092	-0.0054	0.8992	1.4367	-0.0021
0.2305	1.3872	-0.0039	0.6001	1.4122	-0.0053	1	1.4460	-
				T = 323.15 K				
0	1.3720	-	0.3004	1.3887	-0.0047	0.6498	1.4133	-0.0051
0.0501	1.3745	-0.0010	0.4010	1.3953	-0.0053	0.6994	1.4172	-0.0047
0.1002	1.3772	-0.0020	0.4497	1.3985	-0.0056	0.7999	1.4253	-0.0038
0.1501	1.3799	-0.0028	0.5597	1.4065	-0.0055	0.8992	1.4341	-0.0021
0.2305	1.3845	-0.0039	0.6001	1.4095	-0.0053	1	1.4434	-

Table S3. Densities ρ, Refractive indices n_D, Excess Molar Volumes V^E and Deviations of Refractive Indices Δn_D for 2-Methyl-2-propanol (1) + cyclohexylamine (2) + n-heptane (3) at T=(303.15 to 323.15)K and Atmospheric Pressure

x_1	x_2	$\rho \times 10^{-3}$ / kg·m^{-3}	n_D	$V^E \times 10^6$ / m^3·mol^{-1}	Δn_D	x_1	x_2	$\rho \times 10^{-3}$ / kg·m^{-3}	n_D	$V^E \times 10^6$ / m^3·mol^{-1}	Δn_D
					T = 303.15 K						
0.0922	0.0998	0.69514	1.3879	0.282	-0.0017	0.5401	0.1000	0.73559	1.3888	0.332	-0.0007
0.0801	0.2008	0.71055	1.3940	0.202	-0.0029	0.4792	0.2003	0.75137	1.3971	-0.077	0.0004
0.0701	0.3001	0.72623	1.4001	0.171	-0.0038	0.4200	0.3000	0.76626	1.4049	-0.319	0.0011
0.0598	0.3999	0.74253	1.4068	0.156	-0.0043	0.3600	0.3999	0.78043	1.4125	-0.447	0.0016
0.0505	0.4998	0.75968	1.4137	0.136	-0.0044	0.3003	0.4997	0.79408	1.4198	-0.490	0.0018
0.0407	0.5995	0.77750	1.4209	0.115	-0.0043	0.2400	0.5999	0.80738	1.4270	-0.477	0.0019
0.0302	0.6999	0.79615	1.4285	0.095	-0.0038	0.1799	0.7002	0.82038	1.4339	-0.410	0.0016
0.0201	0.7999	0.81565	1.4365	0.072	-0.0028	0.1199	0.8001	0.83307	1.4407	-0.311	0.0012
0.1800	0.1000	0.70190	1.3877	0.308	-0.0019	0.0600	0.9001	0.84557	1.4473	-0.180	0.0007
0.1599	0.2000	0.71754	1.3946	0.149	-0.0022	0.7194	0.1000	0.75872	1.3900	0.071	0.0006
0.1397	0.2997	0.73322	1.4010	0.071	-0.0028	0.6401	0.1999	0.77330	1.3989	-0.322	0.0023
0.1199	0.4000	0.74944	1.4079	0.021	-0.0032	0.5601	0.2999	0.78673	1.4074	-0.588	0.0036
0.1003	0.4999	0.76610	1.4150	-0.012	-0.0032	0.4798	0.4001	0.79903	1.4152	-0.722	0.0043
0.0799	0.6001	0.78313	1.4222	-0.013	-0.0031	0.3999	0.4999	0.81042	1.4226	-0.762	0.0046
0.0600	0.7000	0.80085	1.4296	-0.025	-0.0028	0.3200	0.5998	0.82107	1.4294	-0.723	0.0042
0.0399	0.8001	0.81920	1.4373	-0.031	-0.0022	0.2402	0.6998	0.83115	1.4361	-0.628	0.0038
0.0201	0.8998	0.83798	1.4454	-0.007	-0.0012	0.1603	0.7996	0.84059	1.4422	-0.479	0.0028
0.3608	0.0993	0.71733	1.3885	0.337	-0.0010	0.0799	0.9000	0.84952	1.4482	-0.279	0.0016
0.3200	0.2001	0.73327	1.3960	0.047	-0.0007	0.8101	0.1000	0.77293	1.3912	-0.170	0.0018
0.2803	0.3002	0.74895	1.4030	-0.143	-0.0009	0.7202	0.1999	0.78631	1.4004	-0.532	0.0038
0.2400	0.3999	0.76414	1.4101	-0.220	-0.0009	0.6301	0.2999	0.79842	1.4089	-0.765	0.0052
0.2000	0.5001	0.77946	1.4174	-0.248	-0.0007	0.5401	0.3998	0.80933	1.4168	-0.880	0.0059
0.1600	0.5998	0.79478	1.4245	-0.246	-0.0007	0.4497	0.4999	0.81928	1.4242	-0.909	0.0062
0.1199	0.7000	0.81029	1.4317	-0.215	-0.0007	0.3601	0.5999	0.82853	1.4309	-0.865	0.0058
0.0804	0.7997	0.82607	1.4388	-0.183	-0.0006	0.2699	0.7002	0.83659	1.4373	-0.702	0.0050
0.0400	0.9004	0.84174	1.4464	-0.080	-0.0002	0.1801	0.8000	0.84429	1.4431	-0.529	0.0037
					T = 308.15 K						
0.0922	0.0998	0.69069	1.3852	0.299	-0.0018	0.5401	0.1000	0.73086	1.3861	0.336	-0.0007
0.0801	0.2008	0.70613	1.3913	0.207	-0.0029	0.4792	0.2003	0.74670	1.3943	-0.087	0.0003
0.0701	0.3001	0.72183	1.3975	0.167	-0.0038	0.4200	0.3000	0.76165	1.4023	-0.338	0.0012

0.0598	0.3999	0.73814	1.4042	0.146	-0.0042	0.3600	0.3999	0.77585	1.4100	-0.471	0.0017
0.0505	0.4998	0.75529	1.4111	0.123	-0.0044	0.3003	0.4997	0.78954	1.4172	-0.516	0.0018
0.0407	0.5995	0.77309	1.4183	0.101	-0.0043	0.2400	0.5999	0.80286	1.4244	-0.501	0.0019
0.0302	0.6999	0.79174	1.4259	0.081	-0.0038	0.1799	0.7002	0.81587	1.4313	-0.432	0.0016
0.0201	0.7999	0.81121	1.4339	0.060	-0.0028	0.1199	0.8001	0.82857	1.4381	-0.328	0.0012
0.1800	0.1000	0.69737	1.3850	0.330	-0.0020	0.0600	0.9001	0.84106	1.4447	-0.190	0.0007
0.1599	0.2000	0.71305	1.3919	0.156	-0.0023	0.7194	0.1000	0.75388	1.3873	0.061	0.0006
0.1397	0.2997	0.72876	1.3984	0.069	-0.0029	0.6401	0.1999	0.76856	1.3963	-0.347	0.0024
0.1199	0.4000	0.74500	1.4052	0.011	-0.0032	0.5601	0.2999	0.78206	1.4047	-0.621	0.0037
0.1003	0.4999	0.76167	1.4123	-0.026	-0.0032	0.4798	0.4001	0.79441	1.4126	-0.757	0.0044
0.0799	0.6001	0.77870	1.4195	-0.028	-0.0031	0.3999	0.4999	0.80583	1.4199	-0.796	0.0046
0.0600	0.7000	0.79642	1.4270	-0.042	-0.0028	0.3200	0.5998	0.81651	1.4268	-0.754	0.0043
0.0399	0.8001	0.81474	1.4349	-0.044	-0.0020	0.2402	0.6998	0.82661	1.4335	-0.654	0.0038
0.0201	0.8998	0.83350	1.4420	-0.015	-0.0020	0.1603	0.7996	0.83606	1.4396	-0.499	0.0028
0.3608	0.0993	0.71269	1.3859	0.353	-0.0010	0.0799	0.9000	0.84499	1.4456	-0.291	0.0016
0.3200	0.2001	0.72868	1.3933	0.049	-0.0007	0.8101	0.1000	0.76803	1.3885	-0.189	0.0018
0.2803	0.3002	0.74402	1.4003	-0.087	-0.0009	0.7202	0.1999	0.78155	1.3978	-0.567	0.0040
0.2400	0.3999	0.75962	1.4074	-0.234	-0.0009	0.6301	0.2999	0.79374	1.4063	-0.807	0.0053
0.2000	0.5001	0.77496	1.4147	-0.266	-0.0007	0.5401	0.3998	0.80469	1.4142	-0.922	0.0060
0.1600	0.5998	0.79029	1.4219	-0.265	-0.0007	0.4497	0.4999	0.81467	1.4216	-0.947	0.0063
0.1199	0.7000	0.80582	1.4291	-0.234	-0.0006	0.3601	0.5999	0.82395	1.4283	-0.900	0.0058
0.0804	0.7997	0.82160	1.4362	-0.199	-0.0006	0.2699	0.7002	0.83202	1.4347	-0.729	0.0050
0.0400	0.9004	0.83725	1.4437	-0.090	-0.0003	0.1801	0.8000	0.83974	1.4405	-0.550	0.0037
					T = 313.15 K						
0.0922	0.0998	0.68620	1.3824	0.320	-0.0019	0.5401	0.1000	0.72606	1.3832	0.343	-0.0009
0.0801	0.2008	0.70168	1.3886	0.213	-0.0030	0.4792	0.2003	0.74197	1.3916	-0.094	0.0004
0.0701	0.3001	0.71740	1.3948	0.164	-0.0038	0.4200	0.3000	0.75698	1.3996	-0.355	0.0012
0.0598	0.3999	0.73373	1.4015	0.136	-0.0043	0.3600	0.3999	0.77123	1.4073	-0.494	0.0017
0.0505	0.4998	0.75088	1.4085	0.109	-0.0044	0.3003	0.4997	0.78496	1.4146	-0.541	0.0019
0.0407	0.5995	0.76867	1.4157	0.086	-0.0043	0.2400	0.5999	0.79831	1.4218	-0.526	0.0018
0.0302	0.6999	0.78731	1.4233	0.066	-0.0038	0.1799	0.7002	0.81134	1.4286	-0.454	0.0016
0.0201	0.7999	0.80676	1.4313	0.048	-0.0029	0.1199	0.8001	0.82405	1.4353	-0.345	0.0011
0.1800	0.1000	0.69279	1.3823	0.357	-0.0020	0.0600	0.9001	0.83655	1.4421	-0.200	0.0007
0.1599	0.2000	0.70851	1.3891	0.166	-0.0024	0.7194	0.1000	0.74897	1.3846	0.051	0.0006
0.1397	0.2997	0.72426	1.3957	0.067	-0.0029	0.6401	0.1999	0.76376	1.3936	-0.372	0.0024
0.1199	0.4000	0.74053	1.4025	0.002	-0.0032	0.5601	0.2999	0.77734	1.4021	-0.654	0.0038

0.1003	0.4999	0.75721	1.4096	-0.040	-0.0032	0.4798	0.4001	0.78974	1.4100	-0.793	0.0045
0.0799	0.6001	0.77425	1.4169	-0.044	-0.0031	0.3999	0.4999	0.80120	1.4173	-0.830	0.0046
0.0600	0.7000	0.79197	1.4244	-0.058	-0.0028	0.3200	0.5998	0.81191	1.4241	-0.785	0.0043
0.0399	0.8001	0.81028	1.4321	-0.057	-0.0022	0.2402	0.6998	0.82204	1.4308	-0.680	0.0038
0.0201	0.8998	0.82901	1.4402	-0.023	-0.0012	0.1603	0.7996	0.83151	1.4370	-0.518	0.0028
0.3608	0.0993	0.70799	1.3830	0.373	-0.0012	0.0799	0.9000	0.84046	1.4430	-0.302	0.0016
0.3200	0.2001	0.72403	1.3906	0.053	-0.0008	0.8101	0.1000	0.76305	1.3857	-0.208	0.0018
0.2803	0.3002	0.73981	1.3976	-0.157	-0.0010	0.7202	0.1999	0.77670	1.3951	-0.602	0.0040
0.2400	0.3999	0.75507	1.4048	-0.248	-0.0009	0.6301	0.2999	0.78898	1.4037	-0.848	0.0054
0.2000	0.5001	0.77044	1.4121	-0.284	-0.0007	0.5401	0.3998	0.79999	1.4116	-0.964	0.0061
0.1600	0.5998	0.78579	1.4192	-0.284	-0.0007	0.4497	0.4999	0.81002	1.4190	-0.986	0.0063
0.1199	0.7000	0.80133	1.4265	-0.252	-0.0006	0.3601	0.5999	0.81933	1.4257	-0.934	0.0059
0.0804	0.7997	0.81711	1.4336	-0.214	-0.0006	0.2699	0.7002	0.82743	1.4321	-0.757	0.0051
0.0400	0.9004	0.83274	1.4411	-0.098	-0.0003	0.1801	0.8000	0.83518	1.4379	-0.570	0.0037
					T = 318.15 K						
0.0922	0.0998	0.68166	1.3797	0.345	-0.0020	0.5401	0.1000	0.72118	1.3804	0.354	-0.0009
0.0801	0.2008	0.69719	1.3859	0.221	-0.0030	0.4792	0.2003	0.73717	1.3889	-0.099	0.0003
0.0701	0.3001	0.71293	1.3921	0.162	-0.0038	0.4200	0.3000	0.75225	1.3969	-0.371	0.0012
0.0598	0.3999	0.72928	1.3988	0.126	-0.0043	0.3600	0.3999	0.76656	1.4046	-0.516	0.0017
0.0505	0.4998	0.74644	1.4058	0.096	-0.0045	0.3003	0.4997	0.78034	1.4120	-0.566	0.0019
0.0407	0.5995	0.76424	1.4130	0.071	-0.0044	0.2400	0.5999	0.79372	1.4191	-0.550	0.0018
0.0302	0.6999	0.78286	1.4207	0.052	-0.0039	0.1799	0.7002	0.80678	1.4260	-0.476	0.0015
0.0201	0.7999	0.80230	1.4287	0.035	-0.0029	0.1199	0.8001	0.81951	1.4328	-0.362	0.0012
0.1800	0.1000	0.68814	1.3795	0.388	-0.0021	0.0600	0.9001	0.83202	1.4394	-0.210	0.0006
0.1599	0.2000	0.70393	1.3864	0.179	-0.0024	0.7194	0.1000	0.74398	1.3817	0.044	0.0005
0.1397	0.2997	0.71972	1.3929	0.067	-0.0030	0.6401	0.1999	0.75888	1.3908	-0.394	0.0024
0.1199	0.4000	0.73602	1.3999	-0.006	-0.0032	0.5601	0.2999	0.77255	1.3994	-0.685	0.0038
0.1003	0.4999	0.75273	1.4070	-0.053	-0.0033	0.4798	0.4001	0.78501	1.4073	-0.827	0.0045
0.0799	0.6001	0.76977	1.4142	-0.060	-0.0032	0.3999	0.4999	0.79652	1.4147	-0.864	0.0047
0.0600	0.7000	0.78750	1.4217	-0.073	-0.0028	0.3200	0.5998	0.80727	1.4215	-0.816	0.0043
0.0399	0.8001	0.80580	1.4295	-0.071	-0.0022	0.2402	0.6998	0.81744	1.4283	-0.706	0.0039
0.0201	0.8998	0.82451	1.4376	-0.031	-0.0012	0.1603	0.7996	0.82694	1.4344	-0.538	0.0029
0.3608	0.0993	0.70322	1.3801	0.399	-0.0013	0.0799	0.9000	0.83591	1.4404	-0.312	0.0016
0.3200	0.2001	0.71933	1.3878	0.062	-0.0008	0.8101	0.1000	0.75798	1.3829	-0.226	0.0018
0.2803	0.3002	0.73516	1.3948	-0.161	-0.0010	0.7202	0.1999	0.77178	1.3923	-0.635	0.0040
0.2400	0.3999	0.75047	1.4020	-0.260	-0.0010	0.6301	0.2999	0.78416	1.4009	-0.889	0.0054

0.2000	0.5001	0.76588	1.4094	-0.301	-0.0007	0.5401	0.3998	0.79524	1.4089	-1.005	0.0061
0.1600	0.5998	0.78125	1.4166	-0.303	-0.0008	0.4497	0.4999	0.80532	1.4164	-1.026	0.0064
0.1199	0.7000	0.79681	1.4238	-0.270	-0.0007	0.3601	0.5999	0.81467	1.4230	-0.969	0.0059
0.0804	0.7997	0.81260	1.4310	-0.229	-0.0006	0.2699	0.7002	0.82282	1.4295	-0.785	0.0051
0.0400	0.9004	0.82823	1.4386	-0.107	-0.0003	0.1801	0.8000	0.83060	1.4353	-0.590	0.0037
					T = 323.15 K						
0.0922	0.0998	0.67708	1.3769	0.372	-0.0021	0.5401	0.1000	0.71622	1.3776	0.372	-0.0010
0.0801	0.2008	0.69265	1.3831	0.233	-0.0031	0.4792	0.2003	0.73230	1.3860	-0.098	0.0002
0.0701	0.3001	0.70843	1.3894	0.162	-0.0039	0.4200	0.3000	0.74746	1.3941	-0.382	0.0011
0.0598	0.3999	0.72481	1.3962	0.119	-0.0043	0.3600	0.3999	0.76184	1.4019	-0.534	0.0017
0.0505	0.4998	0.74197	1.4031	0.084	-0.0045	0.3003	0.4997	0.77568	1.4092	-0.590	0.0019
0.0407	0.5995	0.75977	1.4104	0.057	-0.0044	0.2400	0.5999	0.78910	1.4164	-0.572	0.0018
0.0302	0.6999	0.77840	1.4180	0.037	-0.0039	0.1799	0.7002	0.80220	1.4233	-0.496	0.0015
0.0201	0.7999	0.79783	1.4260	0.024	-0.0029	0.1199	0.8001	0.81496	1.4302	-0.378	0.0012
0.1800	0.1000	0.68345	1.3767	0.426	-0.0021	0.0600	0.9001	0.82747	1.4369	-0.218	0.0007
0.1599	0.2000	0.69929	1.3835	0.197	-0.0026	0.7194	0.1000	0.73890	1.3788	0.040	0.0004
0.1397	0.2997	0.71514	1.3902	0.071	-0.0031	0.6401	0.1999	0.75392	1.3881	-0.413	0.0025
0.1199	0.4000	0.73148	1.3971	-0.012	-0.0033	0.5601	0.2999	0.76768	1.3967	-0.714	0.0038
0.1003	0.4999	0.74821	1.4043	-0.064	-0.0033	0.4798	0.4001	0.78023	1.4046	-0.859	0.0046
0.0799	0.6001	0.76528	1.4116	-0.074	-0.0032	0.3999	0.4999	0.79180	1.4120	-0.896	0.0047
0.0600	0.7000	0.78301	1.4190	-0.088	-0.0028	0.3200	0.5998	0.80260	1.4189	-0.845	0.0044
0.0399	0.8001	0.80131	1.4270	-0.083	-0.0021	0.2402	0.6998	0.81281	1.4256	-0.731	0.0039
0.0201	0.8998	0.82001	1.4350	-0.038	-0.0012	0.1603	0.7996	0.82235	1.4318	-0.555	0.0029
0.3608	0.0993	0.69837	1.3770	0.432	-0.0017	0.0799	0.9000	0.83135	1.4377	-0.322	0.0016
0.3200	0.2001	0.71456	1.3849	0.076	-0.0010	0.8101	0.1000	0.75283	1.3801	-0.240	0.0018
0.2803	0.3002	0.73046	1.3921	-0.162	-0.0011	0.7202	0.1999	0.76678	1.3895	-0.665	0.0040
0.2400	0.3999	0.74582	1.3993	-0.270	-0.0010	0.6301	0.2999	0.77926	1.3982	-0.927	0.0055
0.2000	0.5001	0.76128	1.4067	-0.316	-0.0008	0.5401	0.3998	0.79043	1.4062	-1.046	0.0062
0.1600	0.5998	0.77669	1.4139	-0.320	-0.0008	0.4497	0.4999	0.80057	1.4137	-1.064	0.0065
0.1199	0.7000	0.79227	1.4212	-0.287	-0.0006	0.3601	0.5999	0.80998	1.4204	-1.003	0.0060
0.0804	0.7997	0.80808	1.4284	-0.243	-0.0005	0.2699	0.7002	0.81817	1.4268	-0.812	0.0051
0.0400	0.9004	0.82371	1.4359	-0.115	-0.0003	0.1801	0.8000	0.82599	1.4327	-0.609	0.0038