

Example Table: LLE Binodal Curve Data

TABLE 1

Experimental (liquid + liquid) equilibrium mole fractions x (binodal curve data) for the system water (1) + butyl ethanoate (2) + propan-1-ol (3) at temperature $T = 323.15$ K and pressure $p = 0.1$ MPa.^a

x_1	x_2	x_1	x_2	x_1	x_2
0.9899	0.0008	0.7981	0.0266	0.3626	0.3321
0.9811	0.0008	0.7630	0.0346	0.3601	0.3349
0.9568	0.0012	0.7211	0.0460	0.3178	0.3956
0.9402	0.0029	0.6743	0.0611	0.2797	0.4687
0.9396	0.0029	0.6266	0.0824	0.2515	0.5197
0.9256	0.0044	0.5911	0.1048	0.2052	0.6204
0.9111	0.0064	0.5671	0.1208	0.1919	0.6499
0.8965	0.0079	0.5626	0.1234	0.1613	0.7187
0.8855	0.0097	0.5623	0.1244	0.1464	0.7636
0.8775	0.0118	0.5300	0.1485	0.1366	0.7938
0.8768	0.0120	0.4946	0.1786	0.1204	0.8155
0.8605	0.0150	0.4621	0.2110	0.1289	0.8207
0.8544	0.0152	0.4322	0.2434	0.1220	0.8555
0.8310	0.0197	0.4086	0.2728	0.1210	0.8790

^a Standard uncertainties u are $u(x) = 0.005$, $u(T) = 0.1$ K, and $u(p) = 10$ kPa.