

Example Table: LLE Tie-Line Data

TABLE 1

Experimental (liquid + liquid) equilibrium data for the system cyclohexane (1) + cyclohexanone (2) + dimethylsulfoxide (3) for mole fractions x at the temperature $T = 303.2$ K and pressure $p = 0.1$ MPa.^a

liquid mixture 1		liquid mixture 2	
x_1	x_2	x_1	x_2
0.9628	0.0244	0.0542	0.0541
0.9021	0.0692	0.0807	0.1312
0.8450	0.1069	0.1110	0.1834
0.7795	0.1468	0.1554	0.2263
0.6705	0.2025	0.2129	0.2589
0.5632	0.2355	0.2799	0.2751
0.5175	0.2475	0.3450	0.2722

^a Standard uncertainties u are $u(T) = 0.1$ K, $u(x) = 0.0005$, and $u(p) = 10$ kPa.