

Example Table:

Speeds of sound at pressure $p = 0.1$ MPa (same approach for densities, viscosities, thermal conductivity, heat capacity, etc.)

TABLE 2

Experimental values of speed of sound c for the system tetrahydropyran (1) + benzene (2) for the liquid at pressure $p = 0.1$ MPa.^a

x_1	$c/\text{m}\cdot\text{s}^{-1}$
0.0555	1256
0.1165	1253
0.1472	1251
0.2223	1248
0.2728	1246
0.3751	1241
0.4395	1239
0.4821	1237
0.5313	1238
0.6223	1233
0.6810	1231
0.7321	1230
0.8253	1228
0.9123	1226

^a Standard uncertainties u are $u(x_1) = 0.0002$, $u(p) = 10$ kPa, and the combined expanded uncertainty U_c is $U_c(c) = 1 \text{ m}\cdot\text{s}^{-1}$ with 0.95 level of confidence ($k \approx 2$).