## Example Table:

### Speeds of sound at constant temperature and pressure p near 0.1 MPa (same approach is used for densities, viscosities, heat capacities, *etc.*)

**Table 2. Experimental Values of Speed of Sound *c* for {Tetrahydropyran (1) + Benzene (2)} as a Function of Mole Fraction *x* at Temperature *T* = 298.15 K and Pressure *p* = 0.1 [a]**

| $x_1$ | $c$/m·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 are $u(x_1) = 0.0002$, $u(T) = 0.1$ K, $u(p) = 10$ kPa. Expanded uncertainty for the speeds of sound $U(c) = 1$ m·s$^{-1}$ (0.95 level of confidence).