Table 1. Temperature dependence of the solubility, , of lead for  in equilibrium with the critical mixture 38.8 mass % isobutyric acid in water.

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| **T (K)** | **s (ppm/10)** | | |
| 299.81 | 0.2625 | ± | 0.0293 | |
| 299.89 | 0.3141 | ± | 0.0313 | |
| 299.98 | 0.2927 | ± | 0.0409 | |
| 300.03 | 0.2771 | ± | 0.0265 | |
| 300.11 | 0.3829 | ± | 0.0279 | |
| 300.19 | 0.3896 | ± | 0.0391 | |
| 300.26 | 0.9985 | ± | 0.0370 | |
| 300.38 | 0.4863 | ± | 0.0354 | |
| 300.44 | 0.5298 | ± | 0.0071 | |
| 300.61 | 0.6357 | ± | 0.0475 | |
| 300.77 | 0.7823 | ± | 0.0487 | |
| 300.92 | 0.9350 | ± | 0.0533 | |
| 301.13 | 1.285 | ± | 0.076 | |
| 301.38 | 1.259 | ± | 0.026 | |
| 301.72 | 1.489 | ± | 0.024 | |
| 301.97 | 1.641 | ± | 0.065 | |
| 302.35 | 1.978 | ± | 0.064 | |
| 302.58 | 2.526 | ± | 0.019 | |
| 303.05 | 2.987 | ± | 0.042 | |
| 303.29 | 2.882 | ± | 0.041 | |
| 303.54 | 2.960 | ± | 0.027 | |