

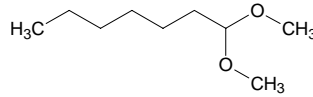
heptanal dimethyl acetal

ヘプタナル ジメチル アセタール

Formula C₉H₂₀O₂

Mol. Wt. 160.25

CAS No. 10032-05-0



SEQ No. 1034 エーテル類

FEMA No. 2541

JECFA No. 947

| | JFFMA | JECFA | FCC |
|---------------------------|-----------------------------------|-----------------------------------|-----|
| Chemical name | heptanal dimethyl acetal | Heptanal dimethyl acetal | |
| Content (NLT) | 95.0 % (GC) | 98 % | |
| Refractive index | 1.405-1.415 (n _{20D}) | 1.405-1.415 (n _{20D}) | |
| Specific gravity | 0.845-0.855 (d _{20/20}) | 0.844-0.849 (d _{25/25}) | |
| Acid value (NMT) | 1.0 | 1.0 | |
| Melting/Congeeing point | | | |
| Angular/Specific rotation | | | |
| Heavy metals (NMT) | | | |
| Solubility in ethanol | | miscible at room temperature | |
| Other requirements | | | |
| Identification* | IR : 1 MS : 4,5 NMR : | IR | |

*References

- 1: Joint FAO/WHO Expert Committee on Food Additive (JECFA)
- 2: Food Chemicals Codex (FCC)
- 3: 有機化合物のスペクトルデータベース SDBS(独立行政法人産業技術総合研究所)
- 4: Wiley's Registry of Mass spectral Database
- 5: NIST/EPA/NIH Mass Spectral Library
- 6: Sigma-Aldrich