

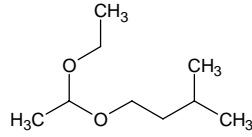
acetaldehyde ethyl isoamyl acetal

アセトアルデヒド エチル イソアミル アセタール

Formula C₉H₂₀O₂

Mol. Wt. 160.25

CAS No. 13442-90-5



SEQ No. 28 エーテル類

FEMA No.

JECFA No.

| | JFFMA | JECFA | FCC |
|---------------------------|--|-------|-----|
| Chemical name | acetaldehyde ethyl isoamyl acetal | | |
| Content (NLT) | 95.0 % (GC) sum of acetaldehyde ethyl isoamyl acetal, acetaldehyde diethyl acetal and acetaldehyde diisoamyl acetal | | |
| Refractive index | 1.396-1.406 (n _{20D}) | | |
| Specific gravity | 0.824-0.834 (d _{20/20}) | | |
| Acid value (NMT) | 1.0 | | |
| Melting/Congeealing point | | | |
| Angular/Specific rotation | | | |
| Heavy metals (NMT) | | | |
| Solubility in ethanol | | | |
| Other requirements | | | |
| Identification* | IR : | | |
| | MS :3 | | |
| | NMR : | | |

*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