

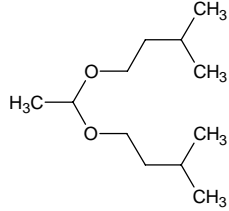
acetaldehyde diisoamyl acetal

アセトアルデヒド ジイソアミル アセタール

Formula C₁₂H₂₆O₂

Mol. Wt. 202.33

CAS No. 13002-09-0



SEQ No. 20 エーテル類

FEMA No. 4024

JECFA No. 1729

	JFFMA	JECFA	FCC
Chemical name	acetaldehyde diisoamyl acetal	Acetaldehyde diisoamyl acetal	
Content (NLT)	95.0 % (GC)	95 %	
Refractive index	1.411-1.421 (n _{20D})	1.410-1.420 (n _{20D})	
Specific gravity	0.827-0.837 (d _{20/20})	0.822-0.832 (d _{25/25})	
Acid value (NMT)	1.0	1	
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		Soluble	
Other requirements			
Identification*	IR :1,3 MS :1,3 NMR :1,3	CNMR HNMR IR MS	

*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