

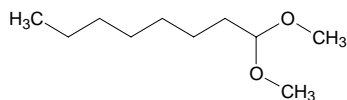
octanal dimethyl acetal

オクタナール ジメチル アセタール

Formula C₁₀H₂₂O₂

Mol. Wt. 174.28

CAS No. 10022-28-3



SEQ No. 2014 エーテル類

FEMA No. 2798

JECFA No. 942

	JFFMA	JECFA	FCC
Chemical name	octanal dimethyl acetal	Octanal dimethyl acetal	
Content (NLT)	95.0 % (GC)	95 %	
Refractive index	1.412-1.422 (n _{20D})	1.410-1.420 (n _{20D})	
Specific gravity	0.845-0.855 (d _{20/20})	0.841-0.851 (d _{25/25})	
Acid value (NMT)	3.0	3.0	
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		miscible at room temperature	
Other requirements			
Identification*	IR :1,3 MS :3,4,5 NMR :3	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