

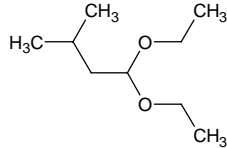
isovaleraldehyde diethyl acetal

イソバレルアルデヒド ジエチル アセタール

Formula C₉H₂₀O₂

Mol. Wt. 160.25

CAS No. 3842-03-3



SEQ No. 1446 エーテル類

FEMA No. 4371

JECFA No. 1730

	JFFMA	JECFA	FCC
Chemical name	isovaleraldehyde diethyl acetal	Isovaleraldehyde diethyl acetal	
Content (NLT)	95.0 % (GC)	95 %	
Refractive index	1.395-1.403 (n _{20D})	1.395-1.403 (n _{20D})	
Specific gravity	0.825-0.832 (d _{20/20})	0.825-0.832 (d _{25/25})	
Acid value (NMT)	1.0		
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		Soluble	
Other requirements			
Identification*	IR :1 MS :1,4,5 NMR :1	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