

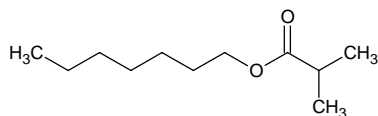
heptyl isobutyrate

ヘプチル イソブチレート

Formula C₁₁H₂₂O₂

Mol. Wt. 186.29

CAS No. 2349-13-5



SEQ No. 1064 エステル類

FEMA No. 2550

JECFA No. 190

	JFFMA	JECFA	FCC
Chemical name	heptyl isobutyrate	Heptyl isobutyrate	
Content (NLT)	95.0 % (GC)	95.0 %	
Refractive index	1.414-1.424 (n _{20D})	1.417-1.421 (n _{20D})	
Specific gravity	0.856-0.867 (d _{20/20})	0.8625 (15°C/15°C)	
Acid value (NMT)	1.0		
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol			
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