

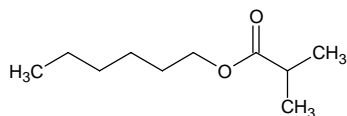
hexyl isobutyrate

ヘキシル イソブチレート

Formula C₁₀H₂₀O₂

Mol. Wt. 172.26

CAS No. 2349-07-7



SEQ No. 1205 エステル類

FEMA No. 3172

JECFA No. 189

	JFFMA	JECFA	FCC
Chemical name	hexyl isobutyrate	Hexyl isobutyrate	
Content (NLT)	98.0 % (GC)	98.0 %	
Refractive index	1.410–1.416 (n _{20D})	1.399–1.421 (n _{20D})	
Specific gravity	0.857–0.863 (d _{20/20})	0.852–0.876 (d _{25/25})	
Acid value (NMT)	1.0	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