

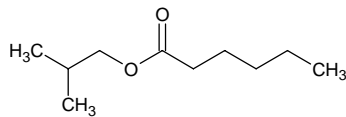
isobutyl hexanoate

イソブチル ヘキサノエート

Formula C₁₀H₂₀O₂

Mol. Wt. 172.26

CAS No. 105-79-3



SEQ No. 1347 エステル類

FEMA No. 2202

JECFA No. 166

	JFFMA	JECFA	FCC
Chemical name	isobutyl hexanoate	Isobutyl hexanoate	Isobutyl Hexanoate
Content (NLT)	98.0 % (GC)	98 %	98.0 % GC(M-1b)
Refractive index	1.412-1.418 (n _{20D})	1.410-1.418 (n _{20D})	1.411-1.417 (n _{20D})
Specific gravity	0.857-0.863 (d _{20/20})	0.854-0.858 (d _{25/25})	0.853-0.859 (d _{25/25})
Acid value (NMT)	1.0	1.0	1.0
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		1 ml in 2 ml 80% alcohol	1 mL in 1 mL 95% ethanol
Other requirements			
Identification*	IR : 1,2,3,5 MS : 3,4,5 NMR : 3	IR	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