

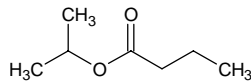
isopropyl butyrate

イソプロピル ブチレート

Formula C7H14O2

Mol. Wt. 130.18

CAS No. 638-11-9



SEQ No. 1404 エステル類

FEMA No. 2935

JECFA No. 307

	JFFMA	JECFA	FCC
Chemical name	isopropyl butyrate	Isopropyl butyrate	
Content (NLT)	98.0 % (GC)	98.0 %	
Refractive index	1.391-1.397 (n20D)	1.390-1.396 (n20D)	
Specific gravity	0.858-0.864 (d20/20)	0.863-0.869 (20°C)	
Acid value (NMT)	1.0	2.0	
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol			
Other requirements			
Identification*	IR : 1,3,5 MS : 3,4,5 NMR : 3,6	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