

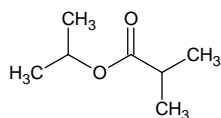
isopropyl isobutyrate

イソプロピル イソブチレート

Formula C7H14O2

Mol. Wt. 130.18

CAS No. 617-50-5



SEQ No. 1411 エステル類

FEMA No. 2937

JECFA No. 309

	JFFMA	JECFA	FCC
Chemical name	isopropyl isobutyrate	Isopropyl isobutyrate	
Content (NLT)	95.0 % (GC)	95.0 %	
Refractive index	1.384-1.394 (n20D)	1.394-1.399 (n20D)	
Specific gravity	0.844-0.854 (d20/20)	0.845-0.850 (d25/25)	
Acid value (NMT)	1.0		
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol			
Other requirements			
Identification*	IR :1,3 MS :4,5 NMR :3	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