

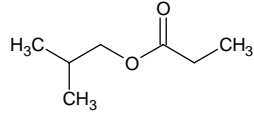
isobutyl propionate

イソブチル プロピオネート

Formula C7H14O2

Mol. Wt. 130.18

CAS No. 540-42-1



SEQ No. 1362 エステル類

FEMA No. 2212

JECFA No. 148

	JFFMA	JECFA	FCC
Chemical name	isobutyl propionate	Isobutyl propionate	
Content (NLT)	98.0 % (GC)	95.0 %	
Refractive index	1.396-1.402 (n _{20D})	1.395-1.400 (n _{20D})	
Specific gravity	0.865-0.871 (d _{20/20})	0.861-0.867 (d _{25/25})	
Acid value (NMT)	1.0		
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol			
Other requirements			
Identification*	IR : 1,3 MS : 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