

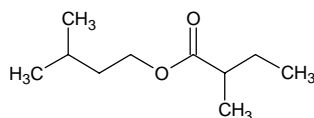
isoamyl 2-methylbutyrate

イソアミル 2-メチルブチレート

Formula C₁₀H₂₀O₂

Mol. Wt. 172.26

CAS No. 27625-35-0



SEQ No. 1287 エステル類

FEMA No. 3505

JECFA No. 51

	JFFMA	JECFA	FCC
Chemical name	isoamyl 2-methylbutyrate	Isoamyl 2-methylbutyrate	
Content (NLT)	97.0 % (GC)	95 %	
Refractive index	1.411-1.417 (n _{20D})	1.4124 (n _{20D})	
Specific gravity	0.857-0.863 (d _{20/20})	0.852-0.861 (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 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