

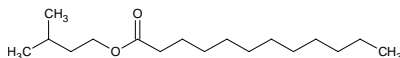
isoamyl laurate

イソアミル ラウレート

Formula C17H34O2

Mol. Wt. 270.45

CAS No. 6309-51-9



SEQ No. 1304 エステル類

FEMA No. 2077

JECFA No. 182

	JFFMA	JECFA	FCC
Chemical name	isoamyl laurate	Isoamyl laurate	
Content (NLT)	97.0 % (GC)	97 %	
Refractive index	1.433-1.439 (n20D)	1.434-1.439 (n20D)	
Specific gravity	0.855-0.861 (d20/20)	0.853-0.859 (d25/25)	
Acid value (NMT)	1.0		
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol			
Other requirements			
Identification*	IR : 1,3,6 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