

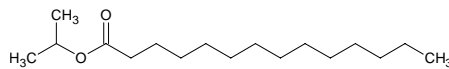
isopropyl myristate

イソプロピル ミリステート

Formula C₁₇H₃₄O₂

Mol. Wt. 270.45

CAS No. 110-27-0



SEQ No. 1420 エステル類

FEMA No. 3556

JECFA No. 311

	JFFMA	JECFA	FCC
Chemical name	isopropyl myristate	Isopropyl myristate	
Content (NLT)	96.0 % (GC)	99 %	
Refractive index	1.429-1.439 (n _{20D})	1.432-1.437 (n _{20D})	
Specific gravity	0.850-0.860 (d _{20/20})	0.847-0.855 (d _{25/25})	
Acid value (NMT)	1.0	2.0	
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol			
Other requirements		Saponification Value: 205-211; Iodine Value: <=1	
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