

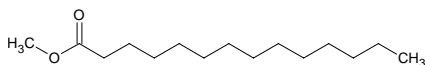
methyl myristate

メチル ミリステート

Formula C₁₅H₃₀O₂

Mol. Wt. 242.40

CAS No. 124-10-7



SEQ No. 1680 エステル類

FEMA No. 2722

JECFA No. 183

	JFFMA	JECFA	FCC
Chemical name	methyl myristate	Methyl myristate	
Content (NLT)	98.0 % (GC)	98.0 %	
Refractive index	1.434-1.440 (n _{20D})	1.435-1.4875 (n _{20D})	
Specific gravity	0.865-0.872 (d _{20/20})	0.870 (15.5°C)	
Acid value (NMT)	1.0		
Melting/Congeeing point		MP: 18 to 22°C	
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