

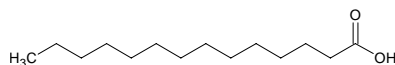
# myristic acid

## ミリスチック アシド

Formula C<sub>14</sub>H<sub>28</sub>O<sub>2</sub>

Mol. Wt. 228.37

CAS No. 544-63-8



SEQ No. 1907 脂肪酸類

FEMA No. 2764

JECFA No. 113

	JFFMA	JECFA	FCC
Chemical name	myristic acid	Myristic acid	Myristic Acid
Content (NLT)	98.0 % (Chem)	94 %	
Refractive index			
Specific gravity			
Acid value (NMT)		242-249	242-249
Melting/Congeealing point	CP: 51 to 60°C	SP: 48 to 55.5°C	SP: 48 to 55.5°C
Angular/Specific rotation			
Heavy metals (NMT)			Lead : 2mg/kg
Solubility in ethanol			
Other requirements		Water: < 0.2% Saponification Value: 242 to 251; Unsaponifiable Matter: <1%; SC: Palmitic acid; Lauric acid	Water < 0.2% Residue on Ignit.< 0.1% Iodine Value:<1.0; Saponification Value:242- 251; Unsaponifiable Mater;<1%
Identification*	IR : 1,3,5,6 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