

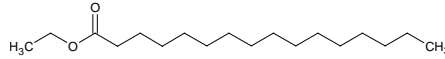
ethyl palmitate

エチル パルミテート

Formula C₁₈H₃₆O₂

Mol. Wt. 284.48

CAS No. 628-97-7



SEQ No. 862 エステル類

FEMA No. 2451

JECFA No. 39

	JFFMA	JECFA	FCC
Chemical name	ethyl palmitate	Ethyl hexadecanoate	
Content (NLT)	97.0 % (GC)	99 %	
Refractive index		1.404-1.408 (n _{20D})	
Specific gravity		0.863-0.865 (d _{25/25})	
Acid value (NMT)	1.0	1.0	
Melting/Congeealing point	MP: 23 to 28°C	MP: 24 to 26°C	
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol			
Other requirements			
Identification*	IR : 1,3,5,6 MS : 3,4,5 NMR : 3	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 SDDB(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