

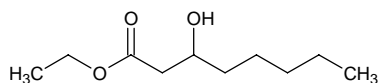
ethyl 3-hydroxyoctanoate

エチル 3-ヒドロキシオクタノエート

Formula C₁₀H₂₀O₃

Mol. Wt. 188.26

CAS No. 7367-90-0



SEQ No. 783 エステル類

FEMA No. 4453

JECFA No. 1955

	JFFMA	JECFA	FCC
Chemical name	ethyl 3-hydroxyoctanoate	Ethyl 3-hydroxyoctanoate	
Content (NLT)	98.0 % (GC)	98 %	
Refractive index	1.430-1.438 (n _{20D})	1.430-1.438 (n _{20D})	
Specific gravity	0.947-0.955 (d _{20/20})	0.947-0.955 (20°C)	
Acid value (NMT)	1.0		
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		Soluble	
Other requirements			
Identification*	IR :3 MS :1,3,4 NMR :3	HNMR IR MS	

*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