

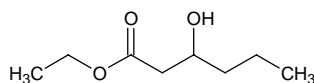
ethyl 3-hydroxyhexanoate

エチル 3-ヒドロキシヘキサノエート

Formula C₈H₁₆O₃

Mol. Wt. 160.21

CAS No. 2305-25-1



SEQ No. 782 エステル類

FEMA No. 3545

JECFA No. 601

	JFFMA	JECFA	FCC
Chemical name	ethyl 3-hydroxyhexanoate	Ethyl 3-hydroxyhexanoate	
Content (NLT)	95.0 % (GC)	95 %	
Refractive index	1.423-1.433 (n _{20D})	1.423-1.433 (n _{20D})	
Specific gravity	0.971-0.981 (d _{20/20})	0.967-0.976 (d _{25/25})	
Acid value (NMT)	1.0	1	
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol			
Other requirements			
Identification*	IR : MS : 4,5 NMR :	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