

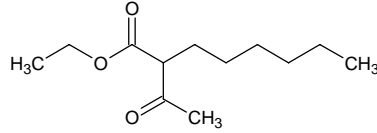
ethyl 2-acetyloctanoate

エチル 2-アセチルオクタノエート

Formula C₁₂H₂₂O₃

Mol. Wt. 214.30

CAS No. 29214-60-6



SEQ No. 742 エステル類

FEMA No. 4459

JECFA No. 1958

	JFFMA	JECFA	FCC
Chemical name	ethyl 2-acetyloctanoate	Ethyl 2-acetyloctanoate	
Content (NLT)	93.0 % (GC)	95 %	
Refractive index	1.430-1.440 (n _{20D})	1.430-1.440 (n _{20D})	
Specific gravity	0.930-0.940 (d ₂₀ /20)	0.934-0.940 (20°C)	
Acid value (NMT)	3.0	3	
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		Soluble	
Other requirements			
Identification*	IR :1,3 MS :3,4 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 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