

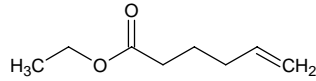
ethyl 5-hexenoate

エチル 5-ヘキセノエート

Formula C₈H₁₄O₂

Mol. Wt. 142.20

CAS No. 54653-25-7



SEQ No. 797 エステル類

FEMA No. 3976

JECFA No. 1273

	JFFMA	JECFA	FCC
Chemical name	ethyl 5-hexenoate	Ethyl 5-hexenoate	
Content (NLT)	96.0 % (GC)	95 %	
Refractive index	1.417-1.427 (n _{20D})	1.430-1.439 (n _{20D})	
Specific gravity	0.894-0.904 (d _{20/20})	0.902-0.912 (d _{25/25})	
Acid value (NMT)	5.0	1	
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		soluble	
Other requirements			
Identification*	IR :1 MS :1,4 NMR :1	NMR MS 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