

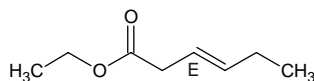
ethyl trans-3-hexenoate

エチル trans-3-ヘキセノエート

Formula C₈H₁₄O₂

Mol. Wt. 142.20

CAS No. 26553-46-8



SEQ No. 780 エステル類

FEMA No. 3342

JECFA No. 335

	JFFMA	JECFA	FCC
Chemical name	ethyl trans-3-hexenoate	Ethyl 3-hexenoate	
Content (NLT)	96.0 % (GC)	95.0 %	
Refractive index	1.421-1.431 (n _{20D})	1.424-1.428 (n _{20D})	
Specific gravity	0.893-0.903 (d ₂₀ /20)	0.897-0.901 (20°C)	
Acid value (NMT)	1.0		
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol			
Other requirements			
Identification*	IR :1 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