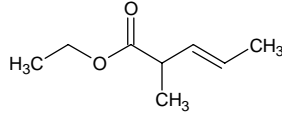


ethyl 2-methyl-3-pentenoate

エチル 2-メチル-3-ペンテノエート

Formula C₈H₁₄O₂

Mol. Wt. 142.20



CAS No. 1617-23-8

SEQ No. 764 エステル類

FEMA No. 3456

JECFA No. 350

	JFFMA	JECFA	FCC
Chemical name	ethyl 2-methyl-3-pentenoate	Ethyl 2-methyl-3-pentenoate	
Content (NLT)	98.0 % (GC)	98 %	
Refractive index	1.417-1.427 (n _{20D})	1.419 (n _{20D})	
Specific gravity	0.885-0.895 (d _{25/25})	0.870-0.876 (d _{25/25})	
Acid value (NMT)	1.0		
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol			
Other requirements			
Identification*	IR : 1 MS : 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