

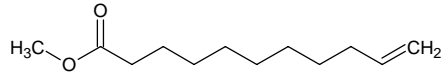
methyl 10-undecenoate

メチル 10-ウンデセノエート

Formula C₁₂H₂₂O₂

Mol. Wt. 198.30

CAS No. 111-81-9



SEQ No. 1579 エステル類

FEMA No. 4253

JECFA No. 1639

	JFFMA	JECFA	FCC
Chemical name	methyl 10-undecenoate	Methyl 10-undecenoate	
Content (NLT)	98.0 % (GC)	98 %	
Refractive index	1.436-1.442 (n _{20D})	1.436-1.442 (n _{20D})	
Specific gravity	0.885-0.891 (d _{20/20})	0.885-0.891 (20°C)	
Acid value (NMT)	1.0		
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		Soluble	
Other requirements			
Identification*	IR : 3 MS : 1,3,4,5 NMR :	MS	

*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