

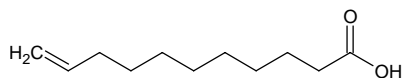
10-undecenoic acid

10-ウンデセノイック アシド

Formula C₁₁H₂₀O₂

Mol. Wt. 184.28

CAS No. 112-38-9



SEQ No. 2470 脂肪酸類

FEMA No. 3247

JECFA No. 331

	JFFMA	JECFA	FCC
Chemical name	10-undecenoic acid	10-Undecenoic acid	
Content (NLT)	97.0 % (GC)	97.0 %	
Refractive index		1.446-1.453 (n _{20D})	
Specific gravity		0.910-0.917 (d _{25/25})	
Acid value (NMT)			
Melting/Congeealing point	MP: 22 to 28°C		
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol			
Other requirements		Iodine value: 136-138	
Identification*	IR : 1,3,5 MS : 3,4,5 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