

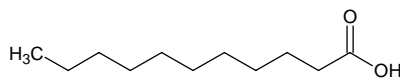
undecanoic acid

ウンデカノイック アシド

Formula C₁₁H₂₂O₂

Mol. Wt. 186.29

CAS No. 112-37-8



SEQ No. 2458 脂肪酸類

FEMA No. 3245

JECFA No. 108

	JFFMA	JECFA	FCC
Chemical name	undecanoic acid	Undecanoic acid	
Content (NLT)	97.0 % (GC)	99 %	
Refractive index		1.4355 (30°C)	
Specific gravity		0.9948 (d ₂₀ /20)	
Acid value (NMT)		295-301	
Melting/Congeealing point	CP: 27 to 31°C	MP: 33 to 38°C	
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol			
Other requirements			
Identification*	IR : 1,3,5,6 MS : 3,4,5 NMR : 3,6	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