

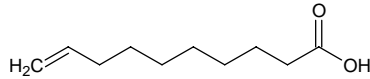
9-decenoic acid

9-デセノイック アシド

Formula C₁₀H₁₈O₂

Mol. Wt. 170.25

CAS No. 14436-32-9



SEQ No. 511 脂肪酸類

FEMA No. 3660

JECFA No. 328

	JFFMA	JECFA	FCC
Chemical name	9-decenoic acid	9-Decenoic acid	
Content (NLT)	94.0 % (GC)	90 % min 95% total decenoic acids	
Refractive index	1.442-1.452 (n _{20D})	1.44-1.46 (n _{20D})	
Specific gravity	0.912-0.922 (d _{20/20})	0.893-0.913 (20°C)	
Acid value (NMT)			
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol			
Other requirements			
Identification*	IR :1,3 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