

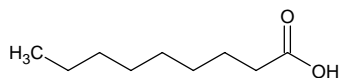
nonanoic acid

ノナノイック アシド

Formula C₉H₁₈O₂

Mol. Wt. 158.24

CAS No. 112-05-0



SEQ No. 1960 脂肪酸類

FEMA No. 2784

JECFA No. 102

	JFFMA	JECFA	FCC
Chemical name	nonanoic acid	Nonanoic acid	Nonanoic Acid
Content (NLT)	97.0 % (GC)	98.0 %	98.0 % Chem(M-3a)
Refractive index	1.428-1.435 (n _{20D})	1.431-1.435 (n _{20D})	1.431-1.435 (n _{20D})
Specific gravity	0.903-0.910 (d _{20/20})	0.901-0.906 (d _{25/25})	0.901-0.906 (d _{25/25})
Acid value (NMT)			
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol			1 mL in 1 mL 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