

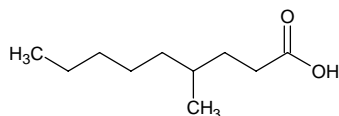
4-methylnonanoic acid

4-メチルノナノイック アシド

Formula C₁₀H₂₀O₂

Mol. Wt. 172.26

CAS No. 45019-28-1



SEQ No. 2777 脂肪酸類

FEMA No. 3574

JECFA No. 274

	JFFMA	JECFA	FCC
Chemical name	4-methylnonanoic acid	4-Methylnonanoic acid	
Content (NLT)	98.0 % (GC)	98.0 %	
Refractive index	1.433-1.440 (n _{20D})	1.433-1.44 (n _{20D})	
Specific gravity	0.900-0.908 (d _{20/20})	0.900-0.909 (d _{20/20})	
Acid value (NMT)			
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol			
Other requirements			
Identification*	IR : 1,6 MS : NMR :	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