

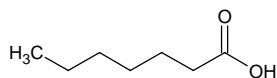
heptanoic acid

ヘプタノイック アシド

Formula C7H14O2

Mol. Wt. 130.18

CAS No. 111-14-8



SEQ No. 1037 脂肪酸類

FEMA No. 3348

JECFA No. 96

	JFFMA	JECFA	FCC
Chemical name	heptanoic acid	Heptanoic acid	
Content (NLT)	98.0 % (GC)	98.0 %	
Refractive index	1.420-1.426 (n20D)	1.421-1.425 (n20D)	
Specific gravity	0.917-0.923 (d20/20)	0.915-0.920 (d20/20)	
Acid value (NMT)		422-430	
Melting/Congeealing point		MP: -7.5°C	
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol			
Other requirements		Congeealing Point: -6.26°	
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