

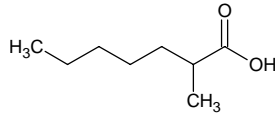
2-methylheptanoic acid

2-メチルヘプタノイック アシド

Formula C₈H₁₆O₂

Mol. Wt. 144.21

CAS No. 1188-02-9



SEQ No. 1840 脂肪酸類

FEMA No. 2706

JECFA No. 1212

	JFFMA	JECFA	FCC
Chemical name	2-methylheptanoic acid	2-Methylheptanoic acid	
Content (NLT)	97.0 % (GC)	97 %	
Refractive index	1.422-1.428 (n _{20D})	1.420-1.427 (n _{20D})	
Specific gravity	0.900-0.910 (d _{20/20})	0.899-0.905 (d _{25/25})	
Acid value (NMT)			
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		soluble	
Other requirements			
Identification*	IR :6 MS :4,5 NMR :1,6	NMR	

*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