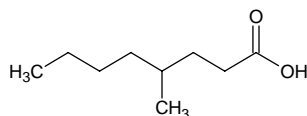


## 4-methyloctanoic acid

### 4-メチルオクタノイック アシド

Formula C<sub>9</sub>H<sub>18</sub>O<sub>2</sub>

Mol. Wt. 158.24



CAS No. 54947-74-9

SEQ No. 1852 脂肪酸類

FEMA No. 3575

JECFA No. 271

	JFFMA	JECFA	FCC
Chemical name	4-methyloctanoic acid	4-Methyloctanoic acid	
Content (NLT)	97.0 % (GC)	97 %	
Refractive index	1.430-1.438 (n <sub>20D</sub> )	1.433-1.440 (n <sub>20D</sub> )	
Specific gravity	0.904-0.916 (d <sub>20/20</sub> )	0.900-0.908 (d <sub>20/20</sub> )	
Acid value (NMT)			
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol			
Other requirements			
Identification*	IR : 1,5,6 MS : 4,5 NMR : 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