

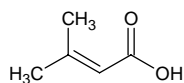
## 3-methyl-2-butenoic acid

### 3-メチル-2-ブテノイック アシド

Formula C<sub>5</sub>H<sub>8</sub>O<sub>2</sub>

Mol. Wt. 100.12

CAS No. 541-47-9



SEQ No. 1825 脂肪酸類

FEMA No. 3187

JECFA No. 1204

	JFFMA	JECFA	FCC
Chemical name	3-methyl-2-butenoic acid	3-Methylcrotonic acid	
Content (NLT)	97.0 % (GC)	98 %	
Refractive index			
Specific gravity			
Acid value (NMT)			
Melting/Congeeing point	MP: 65 to 70°C	MP: 70°C	
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		soluble	
Other requirements			
Identification*	IR :3,6 MS :1,3,4,5 NMR :6	MS	

\*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