

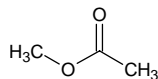
# methyl acetate

## メチル アセテート

Formula C<sub>3</sub>H<sub>6</sub>O<sub>2</sub>

Mol. Wt. 74.08

CAS No. 79-20-9



SEQ No. 1624 エステル類

FEMA No. 2676

JECFA No. 125

	JFFMA	JECFA	FCC
Chemical name	methyl acetate	Methyl acetate	Methyl Acetate
Content (NLT)	98.0 % (GC)	98.0 %	98.0 % GC(M-1b)
Refractive index	1.359-1.365 (n <sub>20D</sub> )	1.358-1.363 (n <sub>20D</sub> )	1.358-1.363 (n <sub>20D</sub> )
Specific gravity	0.925-0.940 (d <sub>20/20</sub> )	0.927-0.932 (d <sub>25/25</sub> )	0.927-0.932 (d <sub>25/25</sub> )
Acid value (NMT)	1.0	1.0	1.0
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		1 ml in 10ml 50% alcohol	1 mL in 1 mL 95% alc
Other requirements			
Identification*	IR : 1,2,3,5,6 MS : 3,4,5 NMR : 3,6	IR	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