

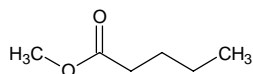
# methyl valerate

## メチル バレレート

Formula C<sub>6</sub>H<sub>12</sub>O<sub>2</sub>

Mol. Wt. 116.16

CAS No. 624-24-8



SEQ No. 1726 エステル類

FEMA No. 2752

JECFA No. 159

	JFFMA	JECFA	FCC
Chemical name	methyl valerate	Methyl valerate	Methyl Valerate
Content (NLT)	98.0 % (GC)	98.05 %	98.0 % (M-1b)
Refractive index	1.395-1.401 (n <sub>20</sub> D)	1.393-1.399 (n <sub>20</sub> D)	1.395-1.401 (n <sub>20</sub> D)
Specific gravity	0.888-0.894 (d <sub>20</sub> /20)	0.883-0.895 (d <sub>25</sub> /25)	0.885-0.891 (d <sub>25</sub> /25)
Acid value (NMT)	1.0		1.0
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol			1 mL in 1 mL 95% ethanol
Other requirements			
Identification*	IR : 1,2,3,6 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