

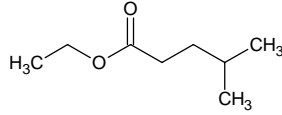
# ethyl 4-methylpentanoate

## エチル 4-メチルペンタノエート

Formula C<sub>8</sub>H<sub>16</sub>O<sub>2</sub>

Mol. Wt. 144.21

CAS No. 25415-67-2



SEQ No. 841 エステル類

FEMA No. 4343

JECFA No.

	JFFMA	JECFA	FCC
Chemical name	ethyl 4-methylpentanoate		
Content (NLT)	98.0 % (GC)		
Refractive index	1.402-1.412 (n <sub>20D</sub> )		
Specific gravity	0.865-0.875 (d <sub>20</sub> /20)		
Acid value (NMT)	1.0		
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol			
Other requirements			
Identification*	IR :3		
	MS :3,4,5		
	NMR :3		

### \*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 SDDBS(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