

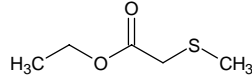
# ethyl (methylthio)acetate

## エチル (メチルチオ)アセテート

Formula C<sub>5</sub>H<sub>10</sub>O<sub>2</sub>S

Mol. Wt. 134.20

CAS No. 4455-13-4



SEQ No. 736 エステル類

FEMA No. 3835

JECFA No. 475

	JFFMA	JECFA	FCC
Chemical name	ethyl (methylthio)acetate	Ethyl 2-(methylthio)acetate	
Content (NLT)	95.0 % (GC)	98 %	
Refractive index	1.454-1.465 (n <sub>20D</sub> )	1.454-1.462 (n <sub>20D</sub> )	
Specific gravity	1.051-1.071 (d <sub>20/20</sub> )	1.038-1.043 (d <sub>25/25</sub> )	
Acid value (NMT)	1.0		
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol			
Other requirements			
Identification*	IR :1,3 MS :3,4,5 NMR :3	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