

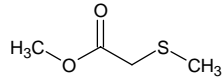
methyl (methylthio)acetate

メチル(メチルチオ)アセテート

Formula C₄H₈O₂S

Mol. Wt. 120.17

CAS No. 16630-66-3



SEQ No. 1578 エステル類

FEMA No. 4003

JECFA No. 1691

	JFFMA	JECFA	FCC
Chemical name	methyl (methylthio)acetate	Methyl (methylthio)acetate	
Content (NLT)	95.0 % (GC)	98 %	
Refractive index	1.461-1.467 (n _{25D})	1.464-1.466 (n _{20D})	
Specific gravity	1.104-1.110 (d _{25/25})	1.105-1.115 (20°C)	
Acid value (NMT)	1.0		
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		Soluble	
Other requirements			
Identification*	IR :1,6 MS :1,4,5 NMR :1,6	CNMR HNMR IR 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