

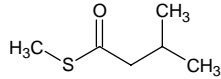
S-methyl 3-methylbutanethioate

S-メチル 3-メチルブタンチオエート

Formula C₆H₁₂OS

Mol. Wt. 132.22

CAS No. 23747-45-7



SEQ No. 1719 エステル類

FEMA No. 3864

JECFA No. 487

	JFFMA	JECFA	FCC
Chemical name	S-methyl 3-methylbutanethioate	S-Methyl 3-methylbutanethioate	
Content (NLT)	99.0 % (GC)	95 %	
Refractive index	1.453-1.463 (n _{20D})	1.455-1.461 (n _{20D})	
Specific gravity	0.937-0.949 (d _{20/20})	0.935-0.940 (d _{25/25})	
Acid value (NMT)	1.0		
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol			
Other requirements			
Identification*	IR :1 MS :1,4,5 NMR :1	IR, MS, NMR, UV	

*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