

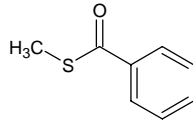
S-methyl benzenethioate

S-メチル ベンゼンチオエート

Formula C₈H₈OS

Mol. Wt. 152.21

CAS No. 5925-68-8



SEQ No. 2293 エステル類

FEMA No. 3857

JECFA No. 504

	JFFMA	JECFA	FCC
Chemical name	S-methyl benzenethioate	S-Methyl benzothioate	
Content (NLT)	98.0 % (GC)	95 %	
Refractive index	1.583-1.589 (n _{20D})	1.574-1.580 (n _{20D})	
Specific gravity	1.139-1.145 (d _{20/20})	0.826-0.836 (d _{25/25})	
Acid value (NMT)	1.0		
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		-	
Other requirements			
Identification*	IR : MS :1,4,5 NMR :1	HNMR, 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