

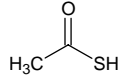
ethanethioic S-acid

エタンチオイック S-アシド

Formula C₂H₄OS

Mol. Wt. 76.12

CAS No. 507-09-5



SEQ No. 2376 脂肪酸類

FEMA No. 4210

JECFA No. 1676

	JFFMA	JECFA	FCC
Chemical name	ethanethioic S-acid	Thioacetic acid	
Content (NLT)	95.0 % (GC)	96 %	
Refractive index	1.458-1.468 (n _{20D})	1.459-1.466 (n _{20D})	
Specific gravity	1.064-1.074 (d _{20/20})	1.063-1.067 (d _{25/25})	
Acid value (NMT)			
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		Soluble	
Other requirements			
Identification*	IR :1,6 MS :1,3,4,5 NMR :1,3,6	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