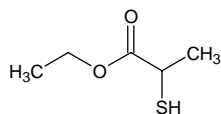


ethyl 2-mercaptopropionate

エチル 2-メルカプトプロピオネート

Formula C₅H₁₀O₂S

Mol. Wt. 134.20



CAS No. 19788-49-9

SEQ No. 760 エステル類

FEMA No. 3279

JECFA No. 552

	JFFMA	JECFA	FCC
Chemical name	ethyl 2-mercaptopropionate	Ethyl 2-mercaptopropionate	
Content (NLT)	95.0 % (GC)	99 %	
Refractive index	1.444-1.454 (n _{20D})	1.447-1.452 (n _{20D})	
Specific gravity	1.036-1.046 (d _{20/20})	1.027-1.050 (d _{25/25})	
Acid value (NMT)	1.0		
Melting/Congeeing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol			
Other requirements			
Identification*	IR :1.3.6 MS :3,4,5 NMR :3.6	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