

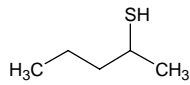
2-pentanethiol

2-ペンタンチオール

Formula C₅H₁₂S

Mol. Wt. 104.21

CAS No. 2084-19-7



SEQ No. 2080 チオール類

FEMA No. 3792

JECFA No. 514

	JFFMA	JECFA	FCC
Chemical name	2-pentanethiol	2-Pentanethiol	
Content (NLT)	97.0 % (GC)	97 % +2.4% 3-pentanethiol	
Refractive index	1.438-1.444 (n _{20D})	1.442-1.452 (n _{20D})	
Specific gravity	0.824-0.830 (d ₂₅ /25)	0.832 (d ₂₀ /4)	
Acid value (NMT)			
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol			
Other requirements			
Identification*	IR : MS :1,4,5 NMR :3	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