

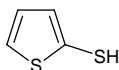
2-thiophenethiol

2-チオフェンチオール

Formula C₄H₄S₂

Mol. Wt. 116.20

CAS No. 7774-74-5



SEQ No. 2374 チオール類

FEMA No. 3062

JECFA No. 1052

	JFFMA	JECFA	FCC
Chemical name	2-thiophenethiol	2-Thienylmercaptan	
Content (NLT)	98.0 % (GC)	98 %	
Refractive index	1.610-1.620 (n _{20D})	1.618-1.622 (n _{20D})	
Specific gravity	1.244-1.254 (d _{20/20})	1.250-1.255 (d _{25/25})	
Acid value (NMT)			
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		Miscible at room temperature	
Other requirements			
Identification*	IR : MS :4,5 NMR :1	NMR	

*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