

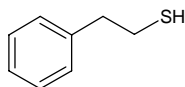
2-phenylethanethiol

2-フェニルエタンチオール

Formula C₈H₁₀S

Mol. Wt. 138.23

CAS No. 4410-99-5



SEQ No. 2154 チオール類

FEMA No. 3894

JECFA No. 527

	JFFMA	JECFA	FCC
Chemical name	2-phenylethanethiol	Phenethyl mercaptan	
Content (NLT)	98.0 % (GC)	99 %	
Refractive index	1.558-1.564 (n _{20D})	1.560-1.615 (n _{20D})	
Specific gravity	1.029-1.035 (d _{20/20})	1.027-1.037 (d _{25/25})	
Acid value (NMT)			
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol			
Other requirements			
Identification*	IR :1,5 MS :1,4,5 NMR :1,6	IR, MS, 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