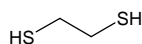


# 1,2-ethanedithiol

## 1,2-エタンジチオール

Formula C<sub>2</sub>H<sub>6</sub>S<sub>2</sub>



Mol. Wt. 94.20

CAS No. 540-63-6

SEQ No. 602 チオール類

FEMA No. 3484

JECFA No. 532

	JFFMA	JECFA	FCC
Chemical name	1,2-ethanedithiol	1,2-Ethanedithiol	
Content (NLT)	98.0 % (GC)	99 %	
Refractive index	1.556-1.562 (n <sub>20D</sub> )	1.558-1.559 (n <sub>20D</sub> )	
Specific gravity	1.124-1.134 (d <sub>20/20</sub> )	1.123-1.124 (d <sub>20/4</sub> )	
Acid value (NMT)			
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol			
Other requirements			
Identification*	IR : 1,3 MS : 3,4,5 NMR : 1,3,6	IR, 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