

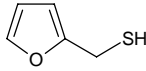
# 2-furanmethanethiol

## 2-フランメタンチオール

Formula C<sub>5</sub>H<sub>6</sub>OS

Mol. Wt. 114.17

CAS No. 98-02-2



SEQ No. 976 チオール類

FEMA No. 2493

JECFA No. 1072

	JFFMA	JECFA	FCC
Chemical name	2-furanmethanethiol	Furfuryl mercaptan	Furfuryl Mercaptan
Content (NLT)	95.0 % (GC)	97 %	95.0 % GC(M-1b)
Refractive index	1.526-1.536 (n <sub>20D</sub> )	1.527-1.542 (n <sub>20D</sub> )	1.529-1.534 (n <sub>20D</sub> )
Specific gravity	1.120-1.135 (d <sub>20/20</sub> )	1.125-1.135 (20°C)	1.124-1.135 (d <sub>25/25</sub> )
Acid value (NMT)			
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		Miscible at room temperature	1 mL in 1 mL 95% ethanol
Other requirements			
Identification*	IR :2,3,6 MS :3,4,5 NMR :1,3,6	NMR	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