

# thiophene

## チオフェン

Formula C<sub>4</sub>H<sub>4</sub>S



Mol. Wt. 84.14

CAS No. 110-02-1

SEQ No. 2384 チオエーテル類

FEMA No.

JECFA No.

	JFFMA	JECFA	FCC
Chemical name	thiophene		
Content (NLT)	98.0 % (GC)		
Refractive index	1.524-1.530 (n <sub>20D</sub> )		
Specific gravity	1.062-1.068 (d <sub>20/20</sub> )		
Acid value (NMT)			
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol			
Other requirements			
Identification*	IR :3,6 MS :3,4,5 NMR :3,6		

### \*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 SDDBS(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