

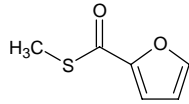
# S-methyl 2-thiofuroate

## S-メチル 2-チオフロエート

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

Mol. Wt. 142.18

CAS No. 13679-61-3



SEQ No. 1596 エステル類

FEMA No. 3311

JECFA No. 1083

	JFFMA	JECFA	FCC
Chemical name	S-methyl 2-thiofuroate	S-Methyl thiofuroate	
Content (NLT)	98.0 % (GC)	97 %	
Refractive index	1.566-1.574 (n <sub>20D</sub> )	1.567-1.573 (n <sub>20D</sub> )	
Specific gravity	1.222-1.232 (d <sub>20/20</sub> )	1.230-1.241 (d <sub>25/25</sub> )	
Acid value (NMT)	1.0		
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		Miscible at room temperature	
Other requirements			
Identification*	IR :6 MS :4,5 NMR :1,6	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