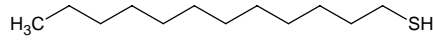


# dodecanethiol

## ドデカンチオール

Formula C<sub>12</sub>H<sub>26</sub>S



Mol. Wt. 202.40

CAS No. 112-55-0

SEQ No. 712 チオール類

FEMA No. 4581

JECFA No. 1924

	JFFMA	JECFA	FCC
Chemical name	dodecanethiol	Dodecanethiol	
Content (NLT)	95.0 % (GC)	95 %	
Refractive index	1.454-1.464 (n <sub>20D</sub> )	1.454-1.464 (n <sub>20D</sub> )	
Specific gravity	0.842-0.852 (d <sub>20/20</sub> )	0.842-0.852 (20°C)	
Acid value (NMT)			
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		Soluble	
Other requirements			
Identification*	IR : 3,6 MS : 1,3,4,5 NMR : 3,6	MS	

### \*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