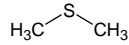


# dimethyl sulfide

## ジメチル スルフィド

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



Mol. Wt. 62.13

CAS No. 75-18-3

SEQ No. 625 チオエーテル類

FEMA No. 2746

JECFA No. 452

	JFFMA	JECFA	FCC
Chemical name	dimethyl sulfide	Methyl sulfide	Dimethyl Sulfide
Content (NLT)	98.0 % (GC)	95 %	99.0 % GC(M-1a)
Refractive index	1.430-1.440 (n <sub>20D</sub> )	1.423-1.441 (n <sub>20D</sub> )	1.431-1.441 (n <sub>20D</sub> )
Specific gravity	0.844-0.854 (d <sub>20/20</sub> )	0.840-0.850 (d <sub>25/25</sub> )	0.842-0.847 (d <sub>25/25</sub> )
Acid value (NMT)			
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		1 ml in 1 ml 95% alcohol	1 mL in 1 mL 95% alc
Other requirements			
Identification*	IR : 1,2,3,6 MS : 3,4,5 NMR : 3,6	IR	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