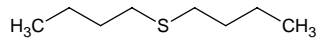


# dibutyl sulfide

## ジブチル スルフィド

Formula C<sub>8</sub>H<sub>18</sub>S



Mol. Wt. 146.29

CAS No. 544-40-1

SEQ No. 543 チオエーテル類

FEMA No. 2215

JECFA No. 455

	JFFMA	JECFA	FCC
Chemical name	dibutyl sulfide	Butyl sulfide	
Content (NLT)	95.0 % (GC)	95 %	
Refractive index	1.448-1.458 (n <sub>20D</sub> )	1.448-1.458 (n <sub>20D</sub> )	
Specific gravity	0.835-0.845 (d <sub>20/20</sub> )	0.832-0.840 (d <sub>25/25</sub> )	
Acid value (NMT)			
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol			
Other requirements			
Identification*	IR : 1,3,5 MS : 3,4,5 NMR : 1,3,6	IR, 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