

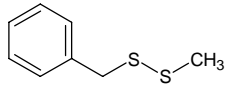
# benzyl methyl disulfide

## ベンジル メチル ジスルフィド

Formula C<sub>8</sub>H<sub>10</sub>S<sub>2</sub>

Mol. Wt. 170.29

CAS No. 699-10-5



SEQ No. 234 チオエーテル類

FEMA No. 3504

JECFA No. 577

	JFFMA	JECFA	FCC
Chemical name	benzyl methyl disulfide	Methyl benzyl disulfide	
Content (NLT)	98.0 % (GC)	99 %	
Refractive index	1.599-1.607 (n <sub>20D</sub> )		
Specific gravity	1.118-1.126 (d <sub>20/20</sub> )	0.840 (d <sub>20/4</sub> )	
Acid value (NMT)			
Melting/Congeealing point		MP: 61 to 62°C	
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol			
Other requirements			
Identification*	IR :1 MS :4,5 NMR :1	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