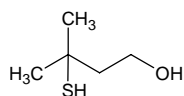


# 3-mercapto-3-methylbutanol

## 3-メルカプト-3-メチルブタノール

Formula C<sub>5</sub>H<sub>12</sub>OS

Mol. Wt. 120.21



CAS No. 34300-94-2

SEQ No. 2876 チオール類

FEMA No. 3854

JECFA No. 544

	JFFMA	JECFA	FCC
Chemical name	3-mercapto-3-methylbutanol	3-Mercapto-3-methyl-1-butanol	
Content (NLT)	96.0 % (GC)	96 %	
Refractive index	1.474-1.484 (n <sub>20D</sub> )	1.480-1.490 (n <sub>20D</sub> )	
Specific gravity	0.984-0.994 (d <sub>20/20</sub> )	0.989 (20°C)	
Acid value (NMT)			
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol			
Other requirements			
Identification*	IR : MS : 1,4,5 NMR : 1	MS, CNMR	

### \*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