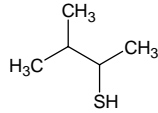


3-methyl-2-butanethiol

3-メチル-2-ブタンチオール

Formula C₅H₁₂S

Mol. Wt. 104.21



CAS No. 2084-18-6

SEQ No. 1805 チオール類

FEMA No. 3304

JECFA No. 517

	JFFMA	JECFA	FCC
Chemical name	3-methyl-2-butanethiol	3-Methyl-2-butanethiol	
Content (NLT)	95.0 % (GC)	99 %	
Refractive index	1.439-1.449 (n _{20D})	1.442-1.452 (n _{20D})	
Specific gravity	0.835-0.847 (d _{20/20})	0.835-0.841 (d _{25/25})	
Acid value (NMT)			
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol			
Other requirements			
Identification*	IR :1 MS :1,4,5 NMR :1	IR, MS, 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