

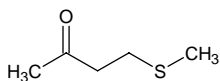
4-(methylthio)-2-butanone

4-(メチルチオ)-2-ブタノン

Formula C₅H₁₀OS

Mol. Wt. 118.20

CAS No. 34047-39-7



SEQ No. 1875 ケトン類

FEMA No. 3375

JECFA No. 497

	JFFMA	JECFA	FCC
Chemical name	4-(methylthio)-2-butanone	4-(Methylthio)-2-butanone	
Content (NLT)	97.0 % (GC)	97 %	
Refractive index	1.470-1.476 (n _{20D})	1.470-1.481 (n _{20D})	
Specific gravity	1.001-1.009 (d _{20/20})	1.000-1.007 (d _{25/25})	
Acid value (NMT)			
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol			
Other requirements			
Identification*	IR :6 MS :1,5 NMR :6	MS	

*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