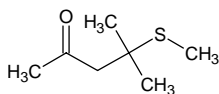


# 4-(methylthio)-4-methyl-2-pentanone

## 4-(メチルチオ)-4-メチル-2-ペンタノン

Formula C<sub>7</sub>H<sub>14</sub>OS

Mol. Wt. 146.25



CAS No. 23550-40-5

SEQ No. 1874 ケトン類

FEMA No. 3376

JECFA No. 500

	JFFMA	JECFA	FCC
Chemical name	4-(methylthio)-4-methyl-2-pentanone	4-(methylthio)-4-methyl-2-pentanone	
Content (NLT)	97.0 % (GC)	99 %	
Refractive index	1.470-1.481 (n <sub>20D</sub> )	1.475-1.485 (n <sub>20D</sub> )	
Specific gravity	0.958-0.970 (d <sub>20/20</sub> )	0.964 (d <sub>25/25</sub> )	
Acid value (NMT)			
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol			
Other requirements			
Identification*	IR : MS :1 NMR :	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