

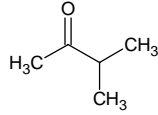
# 3-methyl-2-butanone

## 3-メチル-2-ブタンオン

Formula C<sub>5</sub>H<sub>10</sub>O

Mol. Wt. 86.13

CAS No. 563-80-4



SEQ No. 1667 ケトン類

FEMA No.

JECFA No.

	JFFMA	JECFA	FCC
Chemical name	3-methyl-2-butanone		
Content (NLT)	97.0 % (GC)		
Refractive index	1.385-1.391 (n <sub>20D</sub> )		
Specific gravity	0.800-0.810 (d <sub>20/20</sub> )		
Acid value (NMT)			
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol			
Other requirements			
Identification*	IR	: 3,5,6	
	MS	: 3,4,5	
	NMR	: 3,6	

\*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