

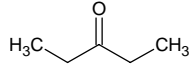
# 3-pentanone

## 3-ペンタノン

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

Mol. Wt. 86.13

CAS No. 96-22-0



SEQ No. 2082 ケトン類

FEMA No.

JECFA No.

	JFFMA	JECFA	FCC
Chemical name	3-pentanone		
Content (NLT)	98.0 % (GC)		
Refractive index	1.389-1.395 (n <sub>20D</sub> )		
Specific gravity	0.814-0.820 (d <sub>20</sub> /20)		
Acid value (NMT)			
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol			
Other requirements			
Identification*	IR :3 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