

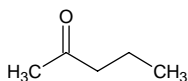
2-pentanone

2-ペンタノン

Formula C₅H₁₀O

Mol. Wt. 86.13

CAS No. 107-87-9



SEQ No. 1709 ケトン類

FEMA No. 2842

JECFA No. 279

	JFFMA	JECFA	FCC
Chemical name	2-pentanone	2-Pentanone	2-Pentanone
Content (NLT)	95.0 % (GC)	95.0 %	95.0 % GC(M-1b)
Refractive index	1.386-1.396 (n _{20D})	1.387-1.392 (n _{20D})	1.387-1.392 (n _{20D})
Specific gravity	0.802-0.812 (d _{20/20})	0.801-0.806 (d _{25/25})	0.801-0.806 (d _{25/25})
Acid value (NMT)		2.0	2.0
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol			
Other requirements			
Identification*	IR :1,2,3 MS :3,4,5 NMR :3,6	IR	IR

*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