

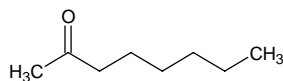
2-octanone

2-オクタノン

Formula C₈H₁₆O

Mol. Wt. 128.21

CAS No. 111-13-7



SEQ No. 1659 ケトン類

FEMA No. 2802

JECFA No. 288

	JFFMA	JECFA	FCC
Chemical name	2-octanone	2-Octanone	Methyl Hexyl Ketone
Content (NLT)	95.0 % (GC)	95.0 %	95.0 % (M-1a)
Refractive index	1.410-1.420 (n _{20D})	1.414-1.418 (n _{20D})	1.414-1.418 (n _{20D})
Specific gravity	0.815-0.825 (d _{20/20})	0.813-0.819 (d _{25/25})	0.813-0.818 (d _{25/25})
Acid value (NMT)		1.0	1.0
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		1 ml in 1 ml 95% alcohol	1 mL in 1 mL 95% alc
Other requirements			
Identification*	IR : 1,2,3,5,6 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