

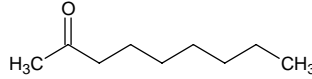
2-nonanone

2-ノナン

Formula C₉H₁₈O

Mol. Wt. 142.24

CAS No. 821-55-6



SEQ No. 1657 ケトン類

FEMA No. 2785

JECFA No. 292

	JFFMA	JECFA	FCC
Chemical name	2-nonanone	2-Nonanone	2-Nonanone
Content (NLT)	97.0 % (GC)	97.0 %	97.0 % GC(M-1a)
Refractive index	1.418-1.424 (n _{20D})	1.418-1.423 (n _{20D})	1.418-1.423 (n _{20D})
Specific gravity	0.821-0.827 (d _{20/20})	0.817-0.823 (d _{25/25})	0.817-0.823 (d _{25/25})
Acid value (NMT)		5.0	
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 MS :3,4,5 NMR :3	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