

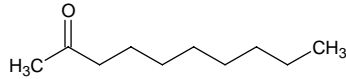
2-decanone

2-デカノン

Formula C₁₀H₂₀O

Mol. Wt. 156.27

CAS No. 693-54-9



SEQ No. 1694 ケトン類

FEMA No. 4271

JECFA No. 2074

	JFFMA	JECFA	FCC
Chemical name	2-decanone	2-Decanone	
Content (NLT)	95.0 % (GC)	96 %	
Refractive index	1.421-1.431 (n _{20D})	1.421-1.431 (n _{20D})	
Specific gravity	0.821-0.831 (d _{20/20})	0.821-0.831 (20°C)	
Acid value (NMT)	1.0		
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		Insoluble	
Other requirements			
Identification*	IR :3 MS :3,4,5 NMR :1,3	CNMR HNMR	

*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 SDDBS(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