

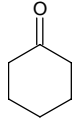
cyclohexanone

シクロヘキサノン

Formula C₆H₁₀O

Mol. Wt. 98.14

CAS No. 108-94-1



SEQ No. 443 ケトン類

FEMA No. 3909

JECFA No. 1100

	JFFMA	JECFA	FCC
Chemical name	cyclohexanone	Cyclohexanone	
Content (NLT)	98.0 % (GC)	99 %	
Refractive index	1.447-1.453 (n _{20D})	1.447-1.453 (n _{20D})	
Specific gravity	0.944-0.950 (d _{20/20})	0.947-0.950 (d _{25/25})	
Acid value (NMT)			
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		Miscible at room temperature	
Other requirements			
Identification*	IR : 1,3,5,6 MS : 1,3,4,5 NMR : 1,3,6	MS IR NMR	

*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