

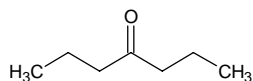
4-heptanone

4-ヘプタノン

Formula C₇H₁₄O

Mol. Wt. 114.19

CAS No. 123-19-3



SEQ No. 682 ケトン類

FEMA No. 2546

JECFA No. 287

	JFFMA	JECFA	FCC
Chemical name	4-heptanone	4-Heptanone	
Content (NLT)	97.0 % (GC)	99.0 %	
Refractive index	1.402-1.412 (n _{20D})	1.403-1.409 (n _{20D})	
Specific gravity	0.810-0.820 (d _{20/20})	0.814-0.817 (20°C)	
Acid value (NMT)			
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol			
Other requirements			
Identification*	IR : 1,3,5,6 MS : 3,4,5 NMR : 3,6	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