

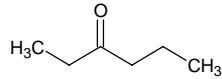
3-hexanone

3-ヘキサノン

Formula C₆H₁₂O

Mol. Wt. 100.16

CAS No. 589-38-8



SEQ No. 871 ケトン類

FEMA No. 3290

JECFA No. 281

	JFFMA	JECFA	FCC
Chemical name	3-hexanone	3-Hexanone	
Content (NLT)	97.0 % (GC)	97.1 %	
Refractive index	1.397-1.403 (n _{20D})	1.397-1.403 (n _{20D})	
Specific gravity	0.812-0.822 (d _{20/20})	0.812-0.818 (d _{25/25})	
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 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