

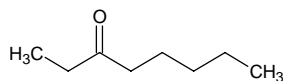
3-octanone

3-オクタノン

Formula C₈H₁₆O

Mol. Wt. 128.21

CAS No. 106-68-3



SEQ No. 813 ケトン類

FEMA No. 2803

JECFA No. 290

	JFFMA	JECFA	FCC
Chemical name	3-octanone	3-Octanone	
Content (NLT)	98.0 % (GC)	98.0 %	
Refractive index	1.412-1.418 (n _{20D})	1.413-1.418 (n _{20D})	
Specific gravity	0.817-0.824 (d _{20/20})	0.817-0.821 (23°C)	
Acid value (NMT)			
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		1ml in 5ml 60% alcohol; 1ml in 3ml 70% alcohol	
Other requirements			
Identification*	IR :1,3,6 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