

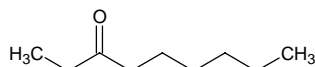
3-nonanone

3-ノナン

Formula C₉H₁₈O

Mol. Wt. 142.24

CAS No. 925-78-0



SEQ No. 838 ケトン類

FEMA No. 3440

JECFA No. 294

	JFFMA	JECFA	FCC
Chemical name	3-nonanone	3-Nonanone	
Content (NLT)	95.0 % (GC)	95.9 %	
Refractive index	1.416-1.426 (n _{20D})	1.417-1.423 (n _{20D})	
Specific gravity	0.821-0.831 (d _{20/20})	0.822-0.828 (20°C)	
Acid value (NMT)			
Melting/Congeealing point		CP: -8°C	
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