

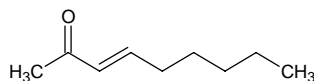
3-nonen-2-one

3-ノネン-2-オン

Formula C₉H₁₆O

Mol. Wt. 140.22

CAS No. 14309-57-0



SEQ No. 1965 ケトン類

FEMA No. 3955

JECFA No. 1136

	JFFMA	JECFA	FCC
Chemical name	3-nonen-2-one	3-Nonen-2-one	
Content (NLT)	95.0 % (GC)	95 %	
Refractive index	1.443-1.453 (n _{20D})	1.443-1.452 (n _{20D})	
Specific gravity	0.842-0.854 (d _{20/20})	0.843-0.846 (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 MS : 1,4,5 NMR :	MS 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