

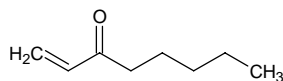
1-octen-3-one

1-オクテン-3-オン

Formula C₈H₁₄O

Mol. Wt. 126.20

CAS No. 4312-99-6



SEQ No. 2025 ケトン類

FEMA No. 3515

JECFA No. 1148

	JFFMA	JECFA	FCC
Chemical name	1-octen-3-one	1-Octen-3-one	
Content (NLT)	96.0 % (GC)	96 %	
Refractive index	1.430-1.440 (n _{20D})	1.428-1.439 (n _{20D})	
Specific gravity	0.840-0.853 (d _{20/20})	0.813-0.819 (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 : MS :4,5 NMR :1	NMR	

*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