

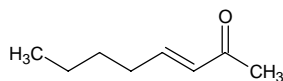
3-octen-2-one

3-オクテン-2-オン

Formula C₈H₁₄O

Mol. Wt. 126.20

CAS No. 1669-44-9



SEQ No. 2023 ケトン類

FEMA No. 3416

JECFA No. 1128

	JFFMA	JECFA	FCC
Chemical name	3-octen-2-one	3-Octen-2-one	
Content (NLT)	96.0 % (GC)	94 %	
Refractive index	1.442-1.452 (n _{20D})	1.445-1.449 (n _{20D})	
Specific gravity	0.843-0.853 (d _{20/20})	0.834-0.839 (d _{25/25})	
Acid value (NMT)			
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		Miscible at room temperature	
Other requirements		SC: 4-Octen-2-one	
Identification*	IR :3 MS :3,4,5 NMR :1,3	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