

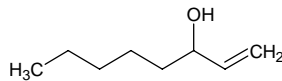
1-octen-3-ol

1-オクテン-3-オール

Formula C₈H₁₆O

Mol. Wt. 128.21

CAS No. 3391-86-4



SEQ No. 2024 脂肪族高級アルコール類

FEMA No. 2805

JECFA No. 1152

	JFFMA	JECFA	FCC
Chemical name	1-octen-3-ol	1-Octen-3-ol	1-Octen-3-ol
Content (NLT)	97.0 % (GC)	96 %	97.0 % GC(M-1a)
Refractive index	1.434-1.440 (n _{20D})	1.431-1.442 (n _{20D})	1.434-1.442 (n _{20D})
Specific gravity	0.834-0.842 (d _{20/20})	0.835-0.845 (d _{25/25})	0.831-0.839 (d _{25/25})
Acid value (NMT)			
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		Miscible at room temperature	1 mL in 1 mL 95% alc
Other requirements			
Identification*	IR :2,3,5,6 MS :3,4,5 NMR :1,3,6	NMR	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