

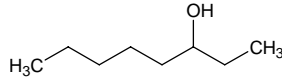
3-octanol

3-オクタノール

Formula C₈H₁₈O

Mol. Wt. 130.23

CAS No. 589-98-0



SEQ No. 2021 脂肪族高級アルコール類

FEMA No. 3581

JECFA No. 291

	JFFMA	JECFA	FCC
Chemical name	3-octanol	3-Octanol	3-Octanol
Content (NLT)	95.0 % (GC)	97.0 %	97.0 % GC(M-1a)
Refractive index	1.422-1.432 (n _{20D})	1.425-1.429 (n _{20D})	1.425-1.429 (n _{20D})
Specific gravity	0.821-0.831 (d _{20/20})	0.817-0.824 (d _{25/25})	0.817-0.824 (d _{25/25})
Acid value (NMT)			
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol			1 mL in 1 mL 95% ethanol
Other requirements			
Identification*	IR : 1,5,6 MS : 4,5 NMR : 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