

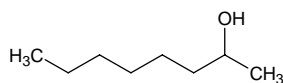
2-octanol

2-オクタノール

Formula C₈H₁₈O

Mol. Wt. 130.23

CAS No. 123-96-6



SEQ No. 2020 脂肪族高級アルコール類

FEMA No. 2801

JECFA No. 289

	JFFMA	JECFA	FCC
Chemical name	2-octanol	2-Octanol	
Content (NLT)	95.0 % (GC)	97.0 %	
Refractive index	1.421-1.431 (n _{20D})	1.424-1.429 (n _{20D})	
Specific gravity	0.815-0.825 (d _{20/20})	0.817-0.820 (20°C)	
Acid value (NMT)			
Melting/Congeealing point			
Angular/Specific rotation		OR: l, -9.84° ; d, +9.79°	
Heavy metals (NMT)			
Solubility in ethanol			
Other requirements			
Identification*	IR : 1,3 MS : 3,4,5 NMR : 3,6	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