

octanol

オクタノール

Formula C8H18O 

Mol. Wt. 130.23

CAS No. 111-87-5

SEQ No. 2022 脂肪族高級アルコール類

FEMA No. 2800

JECFA No. 97

	JFFMA	JECFA	FCC
Chemical name	octanol	1-Octanol	Octyl Alcohol
Content (NLT)	98.0 % (GC)	98.0 %	98.0 % GC(M-1b)
Refractive index	1.426-1.432 (n20D)	1.428-1.431 (n20D)	1.428-1.431 (n20D)
Specific gravity	0.823-0.829 (d20/20)	0.822-0.830 (d25/25)	0.822-0.830 (d25/25)
Acid value (NMT)		1.0	1.0
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		1 ml in 5 ml 50% alcohol	1 mL in 5 mL 50% alc
Other requirements			
Identification*	IR : 1,2,3,5,6 MS : 3,4,5 NMR : 3,6	IR	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