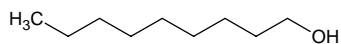


nonanol

ノナノール

Formula C₉H₂₀O



Mol. Wt. 144.25

CAS No. 143-08-8

SEQ No. 1961 脂肪族高級アルコール類

FEMA No. 2789

JECFA No. 100

	JFFMA	JECFA	FCC
Chemical name	nonanol	Nonyl alcohol	Nonyl Alcohol
Content (NLT)	95.0 % (GC)	97.0 %	97.0 % GC(M-1b)
Refractive index	1.429-1.439 (n _{20D})	1.431-1.435 (n _{20D})	1.431-1.435 (n _{20D})
Specific gravity	0.824-0.834 (d _{20/20})	0.824-0.830 (d _{25/25})	0.824-0.830 (d _{25/25})
Acid value (NMT)		1.0	1.0
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		1 ml in 3 ml 60% alcohol gives clear soln	1 mL in 3 mL 60% alc gives clear soln
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