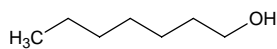


heptanol

ヘプタノール

Formula C₇H₁₆O



Mol. Wt. 116.20

CAS No. 111-70-6

SEQ No. 1041 脂肪族高級アルコール類

FEMA No. 2548

JECFA No. 94

	JFFMA	JECFA	FCC
Chemical name	heptanol	Heptyl alcohol	Heptyl Alcohol
Content (NLT)	97.0 % (GC)	97.0 %	97.0 % GC(M-1b)
Refractive index	1.421-1.427 (n _{20D})	1.423-1.427 (n _{20D})	1.423-1.427 (n _{20D})
Specific gravity	0.820-0.826 (d _{20/20})	0.820-1.824 (d _{25/25})	0.820-0.824 (d _{25/25})
Acid value (NMT)	1.0	1.0	1.0
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		1 ml in 2 ml 60% alcohol	1 mL in 2 mL 60% alc gives clear soln
Other requirements		Aldehydes: 1.0% as heptanal	1.0% heptanal /GC(M-1b)
Identification*	IR : 1,2,5,6 MS : 4,5 NMR : 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