

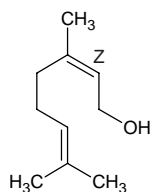
nerol

ネロール

Formula C₁₀H₁₈O

Mol. Wt. 154.25

CAS No. 106-25-2



SEQ No. 1923 脂肪族高級アルコール類

FEMA No. 2770

JECFA No. 1224

	JFFMA	JECFA	FCC
Chemical name	nerol	Nerol	Nerol
Content (NLT)	90.0 % (GC)	95 % of total alcohols as C ₁₀ H ₁₈ O	95.0 % Chem(Appendix VI, 1.2 g/77.13)
Refractive index	1.470-1.480 (n ₂₀ D)	1.467-1.478 (n ₂₀ D)	1.467-1.478 (n ₂₀ D)
Specific gravity	0.874-0.884 (d ₂₀ /20)	0.875-0.880 (d ₂₅ /25)	0.875-0.880 (d ₂₅ /25)
Acid value (NMT)		1	
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		soluble	1 mL in 9 mL 50% alc gives clear soln
Other requirements			
Identification*	IR : 1,2,3 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