

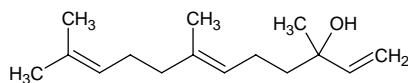
nerolidol

ネロリドール

Formula C₁₅H₂₆O

Mol. Wt. 222.37

CAS No. 7212-44-4



SEQ No. 1927 脂肪族高級アルコール類

FEMA No. 2772

JECFA No. 1646

	JFFMA	JECFA	FCC
Chemical name	nerolidol	Nerolidol	Nerolidol
Content (NLT)	97.0 % (GC)	97 %	97.0 % sum of two isomers(M-1b)
Refractive index	1.470-1.488 (n _{20D})	1.478-1.483 (n _{20D})	1.478-1.483 (n _{20D})
Specific gravity	0.871-0.881 (d _{20/20})	0.872-0.879 (d _{25/25})	0.870-0.880 (d _{25/25})
Acid value (NMT)			
Melting/Congeealing point			
Angular/Specific rotation			AR: 11 to 14°
Heavy metals (NMT)			
Solubility in ethanol		Soluble	1 mL in 4 mL 70% alc
Other requirements			0.5% as nerolidyl acetate
Identification*	IR :2,3,6 MS :3,4,5 NMR :1,6	HNMR	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