

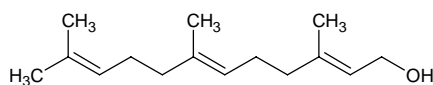
farnesol

ファルネソール

Formula C₁₅H₂₆O

Mol. Wt. 222.37

CAS No. 4602-84-0



SEQ No. 948 脂肪族高級アルコール類

FEMA No. 2478

JECFA No. 1230

	JFFMA	JECFA	FCC
Chemical name	farnesol	Farnesol	Farnesol
Content (NLT)	96.0 % (GC)	96 % sum of isomers	96.0 % sum of four isomers /GC(M-1a)
Refractive index	1.487-1.492 (n _{20D})	1.487-1.492 (n _{20D})	1.487-1.492 (n _{20D})
Specific gravity	0.883-0.893 (d _{20/20})	0.884-0.889 (d _{25/25})	0.884-0.891 (d _{25/25})
Acid value (NMT)		1	
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		soluble	1 mL in 1 mL 95% ethanol
Other requirements			
Identification*	IR : 1,2,3,5,6 MS : 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