

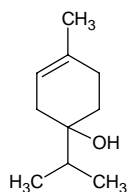
4-terpineol

4-テルピネオール

Formula C₁₀H₁₈O

Mol. Wt. 154.25

CAS No. 562-74-3
20126-76-5



SEQ No. 2320 脂肪族高級アルコール類

FEMA No. 2248

JECFA No. 439

	JFFMA	JECFA	FCC
Chemical name	4-terpineol	4-Carvomenthenol	Terpinen-4-ol
Content (NLT)	90.0 % (GC)	96 %	92.0 % GC(M-1b)
Refractive index	1.475-1.485 (n _{20D})	1.476-1.480 (n _{20D})	1.476-1.480 (n _{20D})
Specific gravity	0.932-0.942 (d _{20/20})	0.928-0.934 (d _{25/25})	0.928-0.934 (d _{25/25})
Acid value (NMT)			
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol			1 mL in 1 mL 95% ethanol
Other requirements			
Identification*	IR :1,3 MS :3,4,5 NMR :3	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