

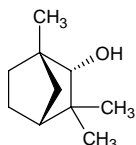
alpha-fenchyl alcohol

α-フェンキル アルコール

Formula C₁₀H₁₈O

Mol. Wt. 154.25

CAS No. 14575-74-7



SEQ No. 954 脂肪族高級アルコール類

FEMA No. 2480

JECFA No. 1397

	JFFMA	JECFA	FCC
Chemical name	alpha-fenchyl alcohol	Fenchyl alcohol	Fenchyl Alcohol
Content (NLT)	95.0 % (GC)	97 %	97.0 % GC(M-1b)
Refractive index			
Specific gravity			
Acid value (NMT)			
Melting/Congeeing point	MP: 35 to 45°C	MP: 35 to 40°C	MP: 35.0 to 40.0°C
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		Soluble	1 mL in 1 mL 95% ethanol
Other requirements		Minimum assay value may include small amounts of borneol and isoborneol	
Identification*	IR : 1,2,3 MS : 3,4,5 NMR : 3	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