

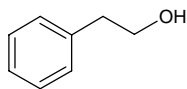
phenethyl alcohol

フェネチル アルコール

Formula C₈H₁₀O

Mol. Wt. 122.16

CAS No. 60-12-8



SEQ No. 2103 芳香族アルコール類

FEMA No. 2858

JECFA No. 987

	JFFMA	JECFA	FCC
Chemical name	phenethyl alcohol	Phenethyl alcohol	Phenethyl Alcohol
Content (NLT)	98.0 % (GC)	98 %	99.0 % GC(M-1a)
Refractive index	1.529-1.535 (n _{20D})	1.529-1.535 (n _{20D})	1.531-1.534 (n _{20D})
Specific gravity	1.019-1.025 (d _{20/20})	1.017-1.020 (d _{25/25})	1.017-1.020 (d _{25/25})
Acid value (NMT)			
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		1 mL in 2 mL 50% ethanol	1 mL in 2 mL 50% alc remains clear to 10 mL
Other requirements			Chlorinated Cmpds.- passes test
Identification*	IR : 1,2,3,6 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