

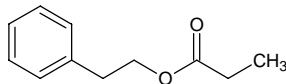
phenethyl propionate

フェネチル プロピオネート

Formula C₁₁H₁₄O₂

Mol. Wt. 178.23

CAS No. 122-70-3



SEQ No. 2122 エステル類

FEMA No. 2867

JECFA No. 990

	JFFMA	JECFA	FCC
Chemical name	phenethyl propionate	Phenethyl propionate	Phenyl Ethyl Propionate
Content (NLT)	98.0 % (GC)	97 %	98.0 % GC(M-1b)
Refractive index	1.490-1.500 (n _{20D})	1.489-1.499 (n _{20D})	1.491-1.497 (n _{20D})
Specific gravity	1.011-1.019 (d _{20/20})	1.010-1.021 (d _{25/25})	1.009-1.015 (d _{25/25})
Acid value (NMT)	1.0	1.0	1.0
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		Miscible at room temperature	1 mL in 1mL 95% ethanol
Other requirements			
Identification*	IR :2,5 MS :4,5 NMR :1	NMR	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