

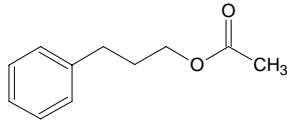
3-phenylpropyl acetate

3-フェニルプロピル アセテート

Formula C₁₁H₁₄O₂

Mol. Wt. 178.23

CAS No. 122-72-5



SEQ No. 2160 エステル類

FEMA No. 2890

JECFA No. 638

	JFFMA	JECFA	FCC
Chemical name	3-phenylpropyl acetate	3-Phenylpropyl acetate	3-Phenylpropyl Acetate
Content (NLT)	98.0 % (GC)	98 %	98.0 % GC(M-1b)
Refractive index	1.493-1.499 (n _{20D})	1.494-1.498 (n _{20D})	1.494-1.497 (n _{20D})
Specific gravity	1.014-1.020 (d _{20/20})	1.011-1.020 (d _{25/25})	1.012-1.015 (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	1 mL in 3 mL 70% alc gives clear soln
Other requirements			
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