

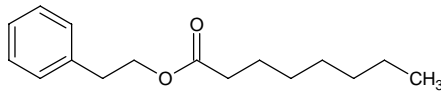
phenethyl octanoate

フェネチル オクタノエート

Formula C₁₆H₂₄O₂

Mol. Wt. 248.36

CAS No. 5457-70-5



SEQ No. 2119 エステル類

FEMA No. 3222

JECFA No. 996

	JFFMA	JECFA	FCC
Chemical name	phenethyl octanoate	Phenethyl octanoate	
Content (NLT)	98.0 % (GC)	98 %	
Refractive index	1.480-1.486 (n _{20D})	1.479-1.486 (n _{20D})	
Specific gravity	0.953-0.959 (d _{20/20})	0.973-0.977 (20°C)	
Acid value (NMT)	1.0	1.0	
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		Miscible at room temperature	
Other requirements			
Identification*	IR : MS :4,5 NMR :1,6	NMR	

*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