

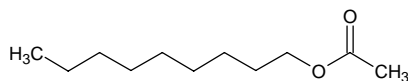
nonyl acetate

ノニル アセテート

Formula C₁₁H₂₂O₂

Mol. Wt. 186.29

CAS No. 143-13-5



SEQ No. 1983 エステル類

FEMA No. 2788

JECFA No. 131

	JFFMA	JECFA	FCC
Chemical name	nonyl acetate	Nonyl acetate	Nonyl Acetate
Content (NLT)	97.0 % (GC)	97.0 %	97.0 % GC(M-1b)
Refractive index	1.421-1.427 (n _{20D})	1.422-1.426 (n _{20D})	1.422-1.426 (n _{20D})
Specific gravity	0.866-0.872 (d _{20/20})	0.864-0.868 (d _{25/25})	0.864-0.868 (d _{25/25})
Acid value (NMT)	1.0	1.0	1.0
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		1 ml in 6 ml 70% alcohol	1 mL in 6 mL 70% alc gives clear soln
Other requirements			
Identification*	IR : 1,2,3,5 MS : 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