

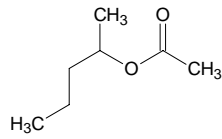
2-pentyl acetate

2-ペンチル アセテート

Formula C₇H₁₄O₂

Mol. Wt. 130.18

CAS No. 626-38-0



SEQ No. 2088 エステル類

FEMA No. 4012

JECFA No. 1146

	JFFMA	JECFA	FCC
Chemical name	2-pentyl acetate	2-Pentyl acetate	
Content (NLT)	98.0 % (GC)	98 %	
Refractive index	1.391-1.401 (n _{20D})	1.369-1.400 (n _{20D})	
Specific gravity	0.862-0.872 (d _{20/20})	0.862-0.866 (d _{25/25})	
Acid value (NMT)	1.0	2.0	
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		partially soluble	
Other requirements			
Identification*	IR :3 MS :3,4,5 NMR :1,3	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