

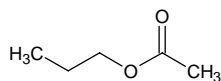
propyl acetate

プロピル アセテート

Formula C₅H₁₀O₂

Mol. Wt. 102.13

CAS No. 109-60-4



SEQ No. 2213 エステル類

FEMA No. 2925

JECFA No. 126

	JFFMA	JECFA	FCC
Chemical name	propyl acetate	Propyl acetate	Propyl Acetate
Content (NLT)	95.0 % (GC)	97.0 %	97.0 % GC(M-1b)
Refractive index	1.380-1.390 (n _{20D})	1.382-1.387 (n _{20D})	1.382-1.387 (n _{20D})
Specific gravity	0.884-0.894 (d _{20/20})	0.880-0.886 (d _{25/25})	0.880-0.886 (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 1 ml 95% alcohol	1 mL in 1 mL 95% alc
Other requirements			
Identification*	IR : 1,2,3,6 MS : 3,4,5 NMR : 3,6	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