

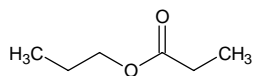
propyl propionate

プロピル プロピオネート

Formula C₆H₁₂O₂

Mol. Wt. 116.16

CAS No. 106-36-5



SEQ No. 2239 エステル類

FEMA No. 2958

JECFA No. 142

	JFFMA	JECFA	FCC
Chemical name	propyl propionate	Propyl propionate	Propyl Propionate
Content (NLT)	98.0 % (GC)	98.0 %	98.0 % GC(M-1b)
Refractive index	1.390-1.396 (n _{20D})	1.391-1.396 (n _{20D})	1.391-1.396 (n _{20D})
Specific gravity	0.880-0.886 (d _{20/20})	0.873-0.879 (d _{25/25})	0.873-0.879 (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 : 1,2,3,5,6 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