

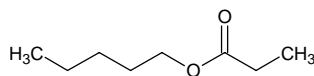
amyl propionate

アミル プロピオネート

Formula C₈H₁₆O₂

Mol. Wt. 144.21

CAS No. 624-54-4



SEQ No. 163 エステル類

FEMA No.

JECFA No.

	JFFMA	JECFA	FCC
Chemical name	amyl propionate		Amyl Propionate
Content (NLT)	98.0 % (GC)		98.0 % sum of n-, 2-methyl butyl and 3-methyl butyl isomers /GC(M-1b)
Refractive index	1.404-1.410 (n ₂₀ D)		1.405-1.409 (n ₂₀ D)
Specific gravity	0.871-0.877 (d ₂₀ /20)		0.866-0.871 (d ₂₅ /25)
Acid value (NMT)	1.0		1.0
Melting/Congeeing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol			1 mL in 3 mL 70% alc
Other requirements			
Identification*	IR :2 MS :4,5 NMR :		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