

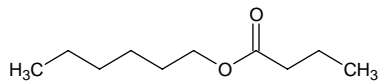
hexyl butyrate

ヘキシル ブチレート

Formula C₁₀H₂₀O₂

Mol. Wt. 172.26

CAS No. 2639-63-6



SEQ No. 1197 エステル類

FEMA No. 2568

JECFA No. 153

	JFFMA	JECFA	FCC
Chemical name	hexyl butyrate	Hexyl butyrate	Hexyl Butyrate
Content (NLT)	98.0 % (GC)	95.0 %	98.0 % GC(M-1b)
Refractive index	1.414-1.420 (n _{20D})	1.413-1.419 (n _{20D})	1.414-1.420 (n _{20D})
Specific gravity	0.864-0.870 (d _{20/20})	0.858-0.869 (d _{25/25})	0.860-0.866 (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% ethanol
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