

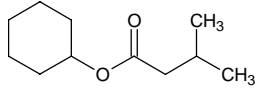
cyclohexyl isovalerate

シクロヘキシル イソバレレート

Formula C₁₁H₂₀O₂

Mol. Wt. 184.28

CAS No. 7774-44-9



SEQ No. 454 エステル類

FEMA No. 2355

JECFA No. 1096

	JFFMA	JECFA	FCC
Chemical name	cyclohexyl isovalerate	Cyclohexyl isovalerate	
Content (NLT)	98.0 % (GC)	95 %	
Refractive index	1.439-1.445 (n _{20D})	1.439-1.445 (n _{20D})	
Specific gravity	0.925-0.931 (d _{20/20})	0.945-0.952 (d _{25/25})	
Acid value (NMT)	1.0	1.0	
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		Miscible at room temperature	
Other requirements			
Identification*	IR :3 MS :3,4,5 NMR :1,3,6	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