

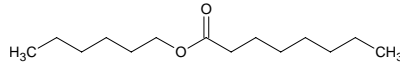
hexyl octanoate

ヘキシル オクタノエート

Formula C₁₄H₂₈O₂

Mol. Wt. 228.37

CAS No. 1117-55-1



SEQ No. 1213 エステル類

FEMA No. 2575

JECFA No. 175

	JFFMA	JECFA	FCC
Chemical name	hexyl octanoate	Hexyl octanoate	
Content (NLT)	98.0 % (GC)	98.5 %	
Refractive index	1.428-1.434 (n _{20D})	1.428-1.433 (n _{20D})	
Specific gravity	0.859-0.865 (d _{20/20})	0.857-0.864 (d _{20/4})	
Acid value (NMT)	1.0		
Melting/Congeeing point		MP: -31°C	
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol			
Other requirements			
Identification*	IR :1,6 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