

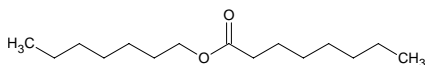
heptyl octanoate

ヘプチル オクタノエート

Formula C₁₅H₃₀O₂

Mol. Wt. 242.40

CAS No. 4265-97-8



SEQ No. 1070 エステル類

FEMA No. 2553

JECFA No. 176

	JFFMA	JECFA	FCC
Chemical name	heptyl octanoate	Heptyl octanoate	
Content (NLT)	98.0 % (GC)	98 %	
Refractive index	1.430-1.436 (n _{20D})	1.434 (n _{20D})	
Specific gravity	0.858-0.864 (d _{20/20})	0.8520 (30°C)	
Acid value (NMT)	1.0		
Melting/Congeealing point		MP: -10°C	
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		1 ml in 3 ml 90% alcohol	
Other requirements			
Identification*	IR :1 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