

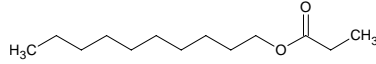
decyl propionate

デシル プロピオネート

Formula C₁₃H₂₆O₂

Mol. Wt. 214.34

CAS No. 5454-19-3



SEQ No. 528 エステル類

FEMA No. 2369

JECFA No. 146

	JFFMA	JECFA	FCC
Chemical name	decyl propionate	Decyl propionate	
Content (NLT)	96.0 % (GC)	95.0 %	
Refractive index	1.424-1.434 (n _{20D})	1.426-1.432 (n _{20D})	
Specific gravity	0.858-0.868 (d _{20/20})	0.857-0.867 (d _{25/25})	
Acid value (NMT)	1.0		
Melting/Congeeing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol			
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