

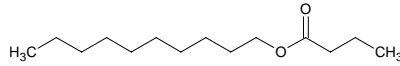
decyl butyrate

デシル ブチレート

Formula C₁₄H₂₈O₂

Mol. Wt. 228.37

CAS No. 5454-09-1



SEQ No. 520 エステル類

FEMA No. 2368

JECFA No. 156

	JFFMA	JECFA	FCC
Chemical name	decyl butyrate	Decyl butyrate	
Content (NLT)	97.0 % (GC)	97 %	
Refractive index	1.427-1.433 (n _{20D})	1.4245-1.43977 (n _{20D})	
Specific gravity	0.859-0.865 (d _{20/20})	0.8617 (20°C)	
Acid value (NMT)	1.0		
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol			
Other requirements			
Identification*	IR :1 MS :4,5 NMR :6	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