

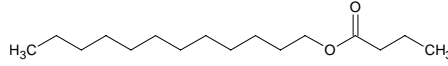
dodecyl butyrate

ドデシル ブチレート

Formula C₁₆H₃₂O₂

Mol. Wt. 256.42

CAS No. 3724-61-6



SEQ No. 708 エステル類

FEMA No. 4340

JECFA No. 1877

	JFFMA	JECFA	FCC
Chemical name	dodecyl butyrate	Dodecyl butyrate	
Content (NLT)	98.0 % (GC)	98 %	
Refractive index	1.433-1.438 (n _{20D})	1.433-1.438 (n _{20D})	
Specific gravity	0.857-0.862 (d ₂₀ /20)	0.857-0.862 (20°C)	
Acid value (NMT)	1.0	1	
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		Soluble	
Other requirements			
Identification*	IR :5 MS :1,4,5 NMR :1	CNMR HNMR MS	

*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