

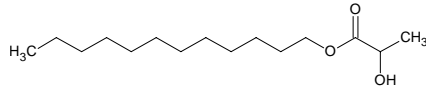
dodecyl lactate

ドデシル ラクテート

Formula C₁₅H₃₀O₃

Mol. Wt. 258.40

CAS No. 6283-92-7



SEQ No. 711 エステル類

FEMA No. 4482

JECFA No. 1948

	JFFMA	JECFA	FCC
Chemical name	dodecyl lactate	Dodecyl lactate	
Content (NLT)	95.0 % (Chem)	88 %	
Refractive index	1.437-1.447 (n _{20D})	1.437-1.447 (n _{20D})	
Specific gravity	0.910-0.925 (d ₂₀ /20)	0.910-0.925 (20°C)	
Acid value (NMT)	5.0	5	
Melting/Congeeing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		Soluble	
Other requirements		SC: 10% Dodecanol	
Identification*	IR :3 MS :1,3 NMR :1,3	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