

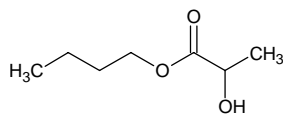
butyl lactate

ブチル ラクテート

Formula C7H14O3

Mol. Wt. 146.18

CAS No. 138-22-7



SEQ No. 293 エステル類

FEMA No. 2205

JECFA No. 932

	JFFMA	JECFA	FCC
Chemical name	butyl lactate	Butyl lactate	
Content (NLT)	95.0 % (GC)	95 %	
Refractive index	1.417-1.427 (n20D)	1.418-1.424 (n20D)	
Specific gravity	0.979-0.989 (d20/20)	0.974-0.984 (d25/25)	
Acid value (NMT)	1.0	1.0	
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		miscible	
Other requirements			
Identification*	IR : 1,3,5,6 MS : 3,4,5 NMR : 3,6	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