

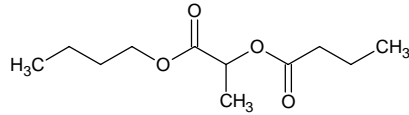
butyl butyryllactate

ブチル ブチリルラクテート

Formula C₁₁H₂₀O₄

Mol. Wt. 216.27

CAS No. 7492-70-8



SEQ No. 280 エステル類

FEMA No. 2190

JECFA No. 935

	JFFMA	JECFA	FCC
Chemical name	butyl butyryllactate	Butyl butyryllactate	Butyl Butyryllactate
Content (NLT)	95.0 % (GC)	95 %	95.0 % GC(M-1b)
Refractive index	1.417-1.427 (n _{20D})	1.417-1.427 (n _{20D})	1.420-1.423 (n _{20D})
Specific gravity	0.971-0.981 (d _{20/20})	0.966-0.978 (d _{25/25})	0.970-0.974 (d _{25/25})
Acid value (NMT)	2.0	1.0	1.0
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		miscible at room temperature	1 mL in 3 mL 70% alc
Other requirements			
Identification*	IR : 1,2,5,6 MS : 4,5 NMR :	IR	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