

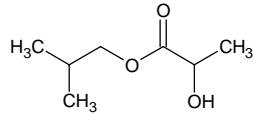
isobutyl lactate

イソブチル ラクテート

Formula C7H14O3

Mol. Wt. 146.18

CAS No. 585-24-0



SEQ No. 1351 エステル類

FEMA No.

JECFA No.

	JFFMA	JECFA	FCC
Chemical name	isobutyl lactate		
Content (NLT)	98.0 % (GC)		
Refractive index	1.415-1.421 (n20D)		
Specific gravity	0.974-0.980 (d20/20)		
Acid value (NMT)	1.0		
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol			
Other requirements			
Identification*	IR :3 MS :4,5 NMR :3		

*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