

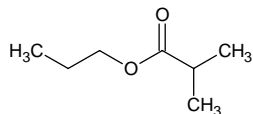
# propyl isobutyrate

## プロピル イソブチレート

Formula C7H14O2

Mol. Wt. 130.18

CAS No. 644-49-5



SEQ No. 2228 エステル類

FEMA No. 2936

JECFA No. 187

	JFFMA	JECFA	FCC
Chemical name	propyl isobutyrate	Propyl isobutyrate	
Content (NLT)	98.0 % (GC)	98.0 %	
Refractive index	1.393-1.399 (n <sub>20D</sub> )	1.395-1.396 (n <sub>20D</sub> )	
Specific gravity	0.863-0.869 (d <sub>20/20</sub> )	0.860-0.864 (d <sub>20/20</sub> )	
Acid value (NMT)	1.0		
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol			
Other requirements			
Identification*	IR :1,3 MS :3,4,5 NMR :3	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