

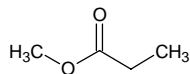
methyl propionate

メチル プロピオネート

Formula C₄H₈O₂

Mol. Wt. 88.11

CAS No. 554-12-1



SEQ No. 1706 エステル類

FEMA No. 2742

JECFA No. 141

	JFFMA	JECFA	FCC
Chemical name	methyl propionate	Methyl propionate	
Content (NLT)	98.0 % (GC)	95.0 %	
Refractive index	1.375-1.381 (n _{20D})	1.373-1.380 (n _{20D})	
Specific gravity	0.913-0.919 (d _{20/20})	0.861-0.867 (d _{25/25})	
Acid value (NMT)	1.0	3.0	
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol			
Other requirements			
Identification*	IR : 1,3 MS : 3,4,5 NMR : 3,6	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