

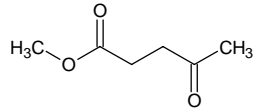
methyl levulinate

メチル レブリンネート

Formula C₆H₁₀O₃

Mol. Wt. 130.14

CAS No. 624-45-3



SEQ No. 1672 エステル類

FEMA No. 4478

JECFA No. 1970

	JFFMA	JECFA	FCC
Chemical name	methyl levulinate	Methyl levulinate	
Content (NLT)	98.0 % (GC)	98 %	
Refractive index	1.419-1.425 (n _{20D})	1.419-1.425 (n _{20D})	
Specific gravity	1.049-1.055 (d _{20/20})	1.049-1.055 (20°C)	
Acid value (NMT)	1.0	1	
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		Soluble	
Other requirements			
Identification*	IR : 1,3,5 MS : 1,3,4,5 NMR : 3	IR MS	

*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