

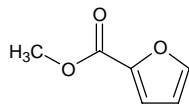
methyl 2-furoate

メチル 2-フロエート

Formula C₆H₆O₃

Mol. Wt. 126.11

CAS No. 611-13-2



SEQ No. 1586 エステル類

FEMA No. 2703

JECFA No. 746

	JFFMA	JECFA	FCC
Chemical name	methyl 2-furoate	Methyl 2-furoate	Methyl Furoate
Content (NLT)	98.0 % (GC)	98 %	98.0 %
Refractive index	1.485-1.491 (n _{20D})	1.485-1.490 (n _{20D})	1.483-1.500 (n _{20D})
Specific gravity	1.179-1.185 (d _{20/20})	1.176-1.181 (d _{25/25})	1.174-1.180 (d _{25/25})
Acid value (NMT)	1.0	1.0	5.0
Melting/Congeeing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		miscible	1 mL in 1 mL 95% ethanol
Other requirements			
Identification*	IR : 1,2,3,5,6 MS : 3,4,5 NMR : 3,6	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