

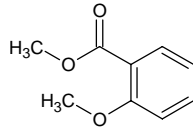
methyl 2-methoxybenzoate

メチル 2-メトキシベンゾエート

Formula C₉H₁₀O₃

Mol. Wt. 166.17

CAS No. 606-45-1



SEQ No. 1589 エステル類

FEMA No. 2717

JECFA No. 880

	JFFMA	JECFA	FCC
Chemical name	methyl 2-methoxybenzoate	Methyl o-methoxybenzoate	
Content (NLT)	98.0 % (GC)	97 %	
Refractive index	1.525-1.545 (n _{20D})	1.529-1.537 (n _{20D})	
Specific gravity	1.151-1.164 (d _{20/20})	1.144-1.160 (d _{25/25})	
Acid value (NMT)	2.0	1.0	
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		miscible at room temperature	
Other requirements			
Identification*	IR : 1,3,5,6 MS : 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