

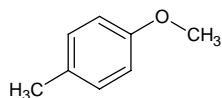
# 1-methoxy-4-methylbenzene

## 1-メトキシ-4-メチルベンゼン

Formula C<sub>8</sub>H<sub>10</sub>O

Mol. Wt. 122.16

CAS No. 104-93-8



SEQ No. 1796 フェノールエーテル類

FEMA No. 2681

JECFA No. 1243

	JFFMA	JECFA	FCC
Chemical name	1-methoxy-4-methylbenzene	p-Methylanisole	p-Methyl Anisole
Content (NLT)	98.0 % (GC)	99 %	98.5 % GC(M-1a)
Refractive index	1.509-1.515 (n <sub>20D</sub> )	1.510-1.513 (n <sub>20D</sub> )	1.510-1.513 (n <sub>20D</sub> )
Specific gravity	0.969-0.975 (d <sub>20/20</sub> )	0.996-1.004 (d <sub>25/25</sub> )	0.966-0.970 (d <sub>25/25</sub> )
Acid value (NMT)		1	
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		soluble	1 mL in 3 mL 80% alc remains in soln on dilution
Other requirements			Cresol- 0.5% (M-1b)
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