

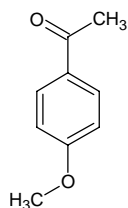
4-methoxyacetophenone

4-メトキシアセトフェノン

Formula C₉H₁₀O₂

Mol. Wt. 150.17

CAS No. 100-06-1



SEQ No. 38 ケトン類

FEMA No. 2005

JECFA No. 810

	JFFMA	JECFA	FCC
Chemical name	4-methoxyacetophenone	Acetanisole	Acetanisole
Content (NLT)	97.0 % (GC)	97 % sum of o,m,p- isomers	98.0 % GC(M-1b)
Refractive index			
Specific gravity			
Acid value (NMT)			
Melting/Congeeing point	MP: 36 to 42°C	MP: 36 to 38°C	
Angular/Specific rotation			
Heavy metals (NMT)			Lead : 10mg/kg
Solubility in ethanol		very soluble	1 g in 5mL 50% alc
Other requirements			Chlorinated Cmpds. - passes test
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