

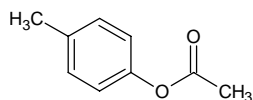
4-methylphenyl acetate

4-メチルフェニル アセテート

Formula C₉H₁₀O₂

Mol. Wt. 150.17

CAS No. 140-39-6



SEQ No. 2400 エステル類

FEMA No. 3073

JECFA No. 699

	JFFMA	JECFA	FCC
Chemical name	4-methylphenyl acetate	p-Tolyl acetate	p-Cresyl Acetate
Content (NLT)	98.0 % (GC)	98 %	98.0 % one isomer /GC(M-1b)
Refractive index	1.496-1.506 (n _{20D})	1.499-1.503 (n _{20D})	1.499-1.502 (n _{20D})
Specific gravity	1.046-1.054 (d _{20/20})	1.044-1.052 (d _{25/25})	1.044-1.050 (d _{25/25})
Acid value (NMT)	1.0	1.0	1.0 (phenol red TS)
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		miscible	1 mL in 2 mL 70% alc
Other requirements			Free Cresol 1.0%
Identification*	IR : 1,2,3,6 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