

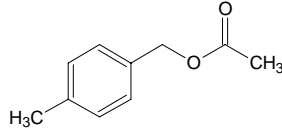
# 4-methylbenzyl acetate

## 4-メチルベンジル アセテート

Formula C<sub>10</sub>H<sub>12</sub>O<sub>2</sub>

Mol. Wt. 164.20

CAS No. 2216-45-7



SEQ No. 1798 エステル類

FEMA No. 3702

JECFA No. 863

	JFFMA	JECFA	FCC
Chemical name	4-methylbenzyl acetate	Methylbenzyl acetate (mixed o,m,p)	
Content (NLT)	98.0 % (GC) mixed o-, m-, p-	98 % sum of o,m,p- isomers	
Refractive index	1.497-1.506 (n <sub>20D</sub> )	1.500-1.510 (n <sub>20D</sub> )	
Specific gravity	1.028-1.040 (d <sub>20/20</sub> )	1.024-1.040 (d <sub>25/25</sub> )	
Acid value (NMT)	1.0	1.0	
Melting/Congeaing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		miscible at room temperature	
Other requirements			
Identification*	IR :1 MS :3,4,5 NMR :3	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