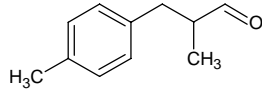


2-methyl-3-(4-methylphenyl)propanal

2-メチル-3-(4-メチルフェニル)プロパナール

Formula C₁₁H₁₄O

Mol. Wt. 162.23



CAS No. 41496-43-9

SEQ No. 1776 芳香族アルデヒド類

FEMA No. 2748

JECFA No. 1466

	JFFMA	JECFA	FCC
Chemical name	2-methyl-3-(4-methylphenyl)propanal	2-Methyl-3-tolylpropionaldehyde (mixed o-, m-, p-)	
Content (NLT)	95.0 % (GC)	95 %	
Refractive index	1.498-1.513 (n _{20D})	1.519-1.525 (n _{20D})	
Specific gravity	0.964-0.974 (d _{20/20})	0.991-0.997 (d _{25/25})	
Acid value (NMT)	5.0	5	
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		Soluble	
Other requirements			
Identification*	IR : MS :4 NMR :1	NMR	

*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