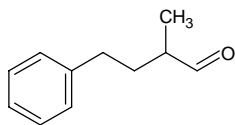


2-methyl-4-phenylbutanal

2-メチル-4-フェニルブタナール

Formula C₁₁H₁₄O

Mol. Wt. 162.23



CAS No. 40654-82-8

SEQ No. 2901 芳香族アルデヒド類

FEMA No. 2737

JECFA No. 1462

	JFFMA	JECFA	FCC
Chemical name	2-methyl-4-phenylbutanal	2-Methyl-4-phenylbutyraldehyde	
Content (NLT)	95.0 % (GC)	95 %	
Refractive index	1.503-1.513 (n _{20D})	1.506-1.510 (n _{20D})	
Specific gravity	0.970-0.980 (d _{20/20})	0.968-0.975 (d _{25/25})	
Acid value (NMT)	3.0	3	
Melting/Congeeing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		Soluble	
Other requirements			
Identification*	IR : MS : 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