

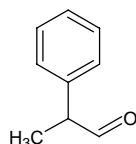
2-phenylpropanal

2-フェニルプロパナール

Formula C₉H₁₀O

Mol. Wt. 134.18

CAS No. 93-53-8



SEQ No. 1229 芳香族アルデヒド類

FEMA No. 2886

JECFA No. 1467

	JFFMA	JECFA	FCC
Chemical name	2-phenylpropanal	2-Phenylpropion aldehyde	2-Phenylpropionaldehyde
Content (NLT)	95.0 % (GC)	95 %	95.0 % GC(M-1b)
Refractive index	1.513-1.523 (n _{20D})	1.515-1.520 (n _{20D})	1.515-1.520 (n _{20D})
Specific gravity	1.000-1.013 (d _{20/20})	0.998-1.006 (d _{25/25})	0.998-1.006 (d _{25/25})
Acid value (NMT)	3.0	5	5.0
Melting/Congeaing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		Soluble	
Other requirements			
Identification*	IR : 1,2,3,5 MS : 4,5 NMR : 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