

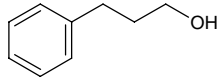
# 3-phenylpropanol

## 3-フェニルプロパノール

Formula C<sub>9</sub>H<sub>12</sub>O

Mol. Wt. 136.19

CAS No. 122-97-4



SEQ No. 579 芳香族アルコール類

FEMA No. 2885

JECFA No. 636

	JFFMA	JECFA	FCC
Chemical name	3-phenylpropanol	3-Phenyl-1-propanol	3-Phenyl-1-propanol
Content (NLT)	98.0 % (GC)	98 %	98.0 % GC(M-1b)
Refractive index	1.523-1.529 (n <sub>20D</sub> )	1.524-1.528 (n <sub>20D</sub> )	1.524-1.528 (n <sub>20D</sub> )
Specific gravity	1.000-1.006 (d <sub>20/20</sub> )	0.993-1.002 (d <sub>25/25</sub> )	0.998-1.002 (d <sub>25/25</sub> )
Acid value (NMT)		1.0	
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		miscible	1 mL in 1 mL 70% alc
Other requirements			Free 3-Phenyl Propionaldehyde 0.5% /GC(M-1b)
Identification*	IR : 1,2,3,5,6 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