

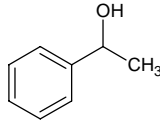
# styrallyl alcohol

## スチラリル アルコール

Formula C<sub>8</sub>H<sub>10</sub>O

Mol. Wt. 122.16

CAS No. 98-85-1



SEQ No. 2297 芳香族アルコール類

FEMA No. 2685

JECFA No. 799

	JFFMA	JECFA	FCC
Chemical name	styrallyl alcohol	alpha-Methylbenzyl alcohol	$\alpha$ -Methylbenzyl Alcohol
Content (NLT)	97.0 % (GC)	99 %	99.0 % GC(M-1b)
Refractive index	1.524-1.530 (n <sub>20D</sub> )	1.524-1.529 (n <sub>20D</sub> )	1.525-1.529 (n <sub>20D</sub> )
Specific gravity	1.011-1.017 (d <sub>20/20</sub> )	1.009-1.014 (d <sub>25/25</sub> )	1.009-1.014 (d <sub>25/25</sub> )
Acid value (NMT)			
Melting/Congeeing point		MP: 19 to 20°C	SP: NLT 19°C
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		miscible at room temperature	1 mL in 3 mL 50% alc
Other requirements			1.0% as acetophenone /M-2d
Identification*	IR :1,2,3 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