

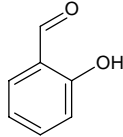
# salicylaldehyde

## サリシルアルデヒド

Formula C<sub>7</sub>H<sub>6</sub>O<sub>2</sub>

Mol. Wt. 122.12

CAS No. 90-02-8



SEQ No. 2283 芳香族アルデヒド類

FEMA No. 3004

JECFA No. 897

	JFFMA	JECFA	FCC
Chemical name	salicylaldehyde	Salicyladehyde	Salicylaldehyde
Content (NLT)	96.0 % (GC)	95 %	97.0 % GC(M-1b)
Refractive index	1.567-1.577 (n <sub>20D</sub> )	1.570-1.576 (n <sub>20D</sub> )	1.570-1.576 (n <sub>20D</sub> )
Specific gravity	1.161-1.172 (d <sub>20/20</sub> )	1.159-1.170 (d <sub>25/25</sub> )	1.159-1.170 (d <sub>25/25</sub> )
Acid value (NMT)	5.0	10.0	10.0 (phenol red)
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		miscible at room temperature	1 mL in 1 mL 95% ethanol
Other requirements			
Identification*	IR : 1,2,3 MS : 3,4,5 NMR : 3	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