

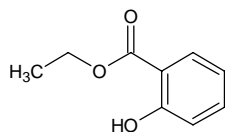
# ethyl salicylate

## エチル サリシレート

Formula C<sub>9</sub>H<sub>10</sub>O<sub>3</sub>

Mol. Wt. 166.17

CAS No. 118-61-6



SEQ No. 875 エステル類

FEMA No. 2458

JECFA No. 900

	JFFMA	JECFA	FCC
Chemical name	ethyl salicylate	Ethyl salicylate	Ethyl Salicylate
Content (NLT)	98.0 % (GC)	98 %	99.0 % GC(M-1b)
Refractive index	1.519-1.525 (n <sub>20D</sub> )	1.518-1.525 (n <sub>20D</sub> )	1.520-1.525 (n <sub>20D</sub> )
Specific gravity	1.129-1.135 (d <sub>20/20</sub> )	1.125-1.131 (d <sub>25/25</sub> )	1.126-1.130 (d <sub>25/25</sub> )
Acid value (NMT)	1.0	3.0	1.0 (phenol red TS)
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		miscible at room temperature	1 mL in 4 mL 80% alc gives clear soln
Other requirements			
Identification*	IR : 1,2,3,6 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