

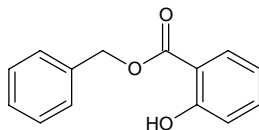
# benzyl salicylate

## ベンジル サリシレート

Formula C<sub>14</sub>H<sub>12</sub>O<sub>3</sub>

Mol. Wt. 228.24

CAS No. 118-58-1



SEQ No. 241 エステル類

FEMA No. 2151

JECFA No. 904

	JFFMA	JECFA	FCC
Chemical name	benzyl salicylate	Benzyl salicylate	Benzyl Salicylate
Content (NLT)	95.0 % (GC)	98 %	98.0 % GC(M-1b)
Refractive index	1.577-1.587 (n <sub>20D</sub> )	1.573-1.584 (n <sub>20D</sub> )	1.573-1.582 (n <sub>20D</sub> )
Specific gravity	1.177-1.187 (d <sub>20/20</sub> )	1.173-1.183 (d <sub>25/25</sub> )	1.176-1.180 (d <sub>25/25</sub> )
Acid value (NMT)	1.0	1.0	1.0 (phenol red TS)
Melting/Congeealing point		MP: 24 to 26°C	SP: NLT 23.5°C
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		miscible above 25°	1 mL in 5 mL 95% alc
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