

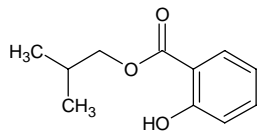
isobutyl salicylate

イソブチル サリシレート

Formula C₁₁H₁₄O₃

Mol. Wt. 194.23

CAS No. 87-19-4



SEQ No. 1364 エステル類

FEMA No. 2213

JECFA No. 902

	JFFMA	JECFA	FCC
Chemical name	isobutyl salicylate	Isobutyl salicylate	Isobutyl Salicylate
Content (NLT)	98.0 % (GC)	98 %	98.0 % GC(M-1b)
Refractive index	1.505-1.511 (n _{20D})	1.506-1.570 (n _{20D})	1.507-1.510 (n _{20D})
Specific gravity	1.064-1.070 (d _{20/20})	1.062-1.069 (d _{25/25})	1.062-1.066 (d _{25/25})
Acid value (NMT)	1.0	1.0	1.0 (phenol red TS)
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		miscible at room temperature	1 mL in 9 mL 80% alc remains in soln to 10 mL
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