

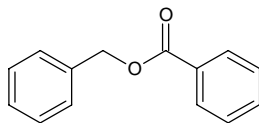
benzyl benzoate

ベンジル ベンゾエート

Formula C₁₄H₁₂O₂

Mol. Wt. 212.24

CAS No. 120-51-4



SEQ No. 216 エステル類

FEMA No. 2138

JECFA No. 24

	JFFMA	JECFA	FCC
Chemical name	benzyl benzoate	Benzyl benzoate	Benzyl Benzoate
Content (NLT)	98.0 % (GC)	99.0 %	99.0 % GC(M-1b)
Refractive index	1.566-1.572 (n _{20D})	1.566-1.571 (n _{20D})	1.568-1.570 (n _{20D})
Specific gravity	1.118-1.124 (d _{20/20})	1.113-1.121 (d _{25/25})	1.116-1.120 (d _{25/25})
Acid value (NMT)	1.0	1.0	1.0
Melting/Congeealing point		MP: 21°C	SP: NLT 18°C
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		miscible at room temperature	
Other requirements		Passes test for chlorinated compounds	Chlorinated Cmpds.- passes test
Identification*	IR : 1,2,3,5,6 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