

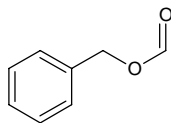
benzyl formate

ベンジル ホーマート

Formula C₈H₈O₂

Mol. Wt. 136.15

CAS No. 104-57-4



SEQ No. 224 エステル類

FEMA No. 2145

JECFA No. 841

	JFFMA	JECFA	FCC
Chemical name	benzyl formate	Benzyl formate	Benzyl Formate
Content (NLT)	95.0 % (GC)	95 %	95.0 % GC(M-1b)
Refractive index	1.506-1.516 (n _{20D})	1.508-1.518 (n _{20D})	1.508-1.515 (n _{20D})
Specific gravity	1.086-1.096 (d _{20/20})	1.082-1.092 (d _{25/25})	1.082-1.092 (d _{25/25})
Acid value (NMT)	5.0	5.0	3.0
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		miscible at room temperature	1 mL in 1 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