

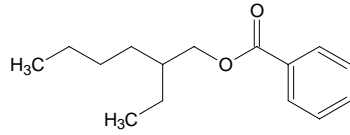
2-ethylhexyl benzoate

2-エチルヘキシル ベンゾエート

Formula C₁₅H₂₂O₂

Mol. Wt. 234.33

CAS No. 5444-75-7



SEQ No. 923 エステル類

FEMA No. 4630

JECFA No. 2068

	JFFMA	JECFA	FCC
Chemical name	2-ethylhexyl benzoate	2-Ethylhexyl benzoate	
Content (NLT)	95.0 % (GC)	95 %	
Refractive index	1.487-1.497 (n _{20D})	1.487-1.497 (n _{20D})	
Specific gravity	0.963-0.973 (d ₂₀ /20)	0.963-0.973 (20°C)	
Acid value (NMT)	1.0		
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		Soluble	
Other requirements			
Identification*	IR :3 MS :1,3,4 NMR :3	MS	

*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