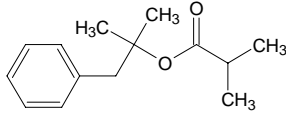


2-methyl-1-phenyl-2-propyl isobutyrate

2-メチル-1-フェニル-2-プロピル イソブチレート

Formula C₁₄H₂₀O₂

Mol. Wt. 220.31



CAS No. 59354-71-1

SEQ No. 616 エステル類

FEMA No.

JECFA No.

	JFFMA	JECFA	FCC
Chemical name	2-methyl-1-phenyl-2-propyl isobutyrate		
Content (NLT)	97.0 % (GC)		
Refractive index	1.477-1.485 (n _{20D})		
Specific gravity	0.964-0.972 (d _{20/20})		
Acid value (NMT)	1.0		
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol			
Other requirements			
Identification*	IR :3		
	MS :3,4		
	NMR :3		

*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