

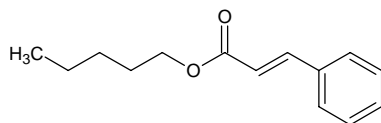
# amyl cinnamate

## アミル シンナメート

Formula C<sub>14</sub>H<sub>18</sub>O<sub>2</sub>

Mol. Wt. 218.29

CAS No. 3487-99-8



SEQ No. 147 エステル類

FEMA No.

JECFA No.

	JFFMA	JECFA	FCC
Chemical name	amyl cinnamate		Amyl Cinnamate
Content (NLT)	98.0 % (GC)		96.0 % sum of n-, 2-methyl butyl and 3-methyl butyl isomers /GC(M-1b)
Refractive index	1.535-1.542 (n <sub>20D</sub> )		1.535-1.539 (n <sub>20D</sub> )
Specific gravity	0.996-1.003 (d <sub>20/20</sub> )		0.992-0.997 (d <sub>25/25</sub> )
Acid value (NMT)	1.0		1.0
Melting/Congeeing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol			1 mL in 7 mL 80% alc may be opalescent
Other requirements			
Identification*	IR :2 MS :4,5 NMR :		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