

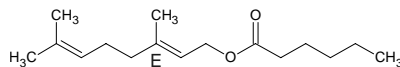
# geranyl hexanoate

## ゲラニル ヘキサノエート

Formula C<sub>16</sub>H<sub>28</sub>O<sub>2</sub>

Mol. Wt. 252.39

CAS No. 10032-02-7



SEQ No. 1005 エステル類

FEMA No. 2515

JECFA No. 70

	JFFMA	JECFA	FCC
Chemical name	geranyl hexanoate	Geranyl hexanoate	
Content (NLT)	97.0 % (Chem)	95 % by ester determination	
Refractive index	1.458-1.464 (n <sub>20D</sub> )	1.45 (n <sub>20D</sub> )	
Specific gravity	0.891-0.897 (d <sub>20</sub> /20)	0.890 (15.5°C)	
Acid value (NMT)	1.0		
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol			
Other requirements		equivalence factor for assay = 126.20	
Identification*	IR :1 MS :4 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