

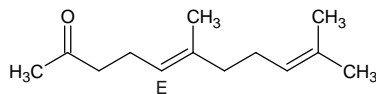
# geranyl acetone

## ゲラニル アセトン

Formula C<sub>13</sub>H<sub>22</sub>O

Mol. Wt. 194.31

CAS No. 3796-70-1



SEQ No. 999 ケトン類

FEMA No. 3542

JECFA No. 1122

	JFFMA	JECFA	FCC
Chemical name	geranyl acetone	6,10-Dimethyl-5,9-undecadien-2-one	
Content (NLT)	95.0 % (GC) sum of isomers	95 %	
Refractive index	1.462-1.472 (n <sub>20D</sub> )	1.463-1.471 (n <sub>20D</sub> )	
Specific gravity	0.865-0.876 (d <sub>20/20</sub> )	0.861-0.867 (d <sub>25/25</sub> )	
Acid value (NMT)		5.0	
Melting/Congeaing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		Miscible at room temperature	
Other requirements			
Identification*	IR : MS :4,5 NMR :1,6	NMR	

### \*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