

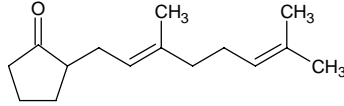
2-geranylcyclopentanone

2-ゲラニルシクロペンタノン

Formula C₁₅H₂₄O

Mol. Wt. 220.35

CAS No. 68133-79-9



SEQ No. 1013 ケトン類

FEMA No. 3829

JECFA No. 1117

	JFFMA	JECFA	FCC
Chemical name	2-geranylcyclopentanone	2-(3,7-Dimethyl-2,6-octadienyl)cyclopentanone	
Content (NLT)	95.0 % (GC) sum of isomers	95 %	
Refractive index	1.470-1.490 (n _{25D})	1.482-1.489 (n _{20D})	
Specific gravity	0.900-0.920 (d _{20/20})	0.911-0.916 (d _{25/25})	
Acid value (NMT)			
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		Miscible at room temperature	
Other requirements			
Identification*	IR : MS :1 NMR :1	MS 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