



CERTIFICATE OF ANALYSIS

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1. Identification

CAS Number:

472-20-8

Catalogue Number:

TRC-C987870

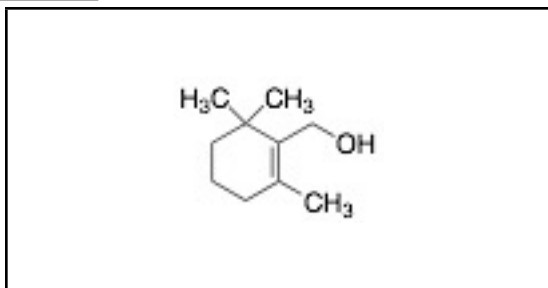
Product:

β -Cyclogeraniol

Synonyms:

2,6,6-Trimethyl-1-cyclohexene-1-methanol; Cyclogeranyl Alcohol;

Structure:



Molecular Formula:

C₁₀H₁₈O

Molecular Weight:

154.25

Source of Product:

Synthetic

2. Analytical Information

Lot Number:

2-NSR-19-1

Atmosphere:

Inert Gas

Melting Point:

N/A

Solubility

Chloroform (Slightly), Methanol (Slightly)

Appearance of Product:

Off-White Low-Melting Solid

Stability

Hygroscopic

Method for Determining Identity:

¹H NMR (CDCl₃) and MS

Long Term Storage Condition:

-20°C, Hygroscopic

Purity:

95%

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Additional Information:

TLC Conditions: SiO₂; Hexanes : Ethyl Acetate = 7 : 3; Visualized with AMCS and KMnO₄; Single Spot, R_f = 0.60.

¹H NMR and MS conform to structure.

Elemental Analysis: (Found) %C: 77.29, %H: 11.68; (Calculated) %C: 77.87, %H: 11.76

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of $\pm 2\%$. Isotopic purity is based on mass distribution observed.

The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

Philip Chan, Head of Quality Assurance

QC Test Date

August 31, 2017

Retest Date

August 28, 2024