

## 1. Identification

### Catalogue Number

TRC-C525030

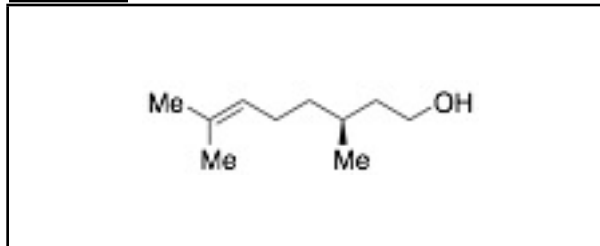
### Lot Number

8-MIC-187-1

### Product Name

L-Citronellol

### Structure



### Synonyms

(3S)-3,7-Dimethyl-6-octen-1-ol; (-)-3,7-Dimethyl-6-octen-1-ol; (S)-3,7-Dimethyl-6-octen-1-ol; (-)-(S)-Citronellol; (-)-Citronellol; (-)-β-Citronellol; (S)-(-)-Citronellol; (S)-(-)-β-Citronellol; (S)-3,7-Dimethyl-6-octen-1-ol; (S)-Citronellol; (S)-β-Citronellol; L-Citronellol; l-Citronellol;

### CAS Number

7540-51-4

### Solubility

Chloroform (Sparingly), Ethyl Acetate (Slightly)

### Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

### Molecular Formula

C<sub>10</sub>H<sub>20</sub>O

### Source of Product

N/A

### Long Term Storage Conditions

4°C

### Molecular Weight

156.27

### Purity

97%

## 2. Warnings

Not Determined

## 3. Analytical Information

### Tests

Appearance

### Specifications

Colourless Oil

### Results

Clear Colourless Oil

NMR

Conforms to Structure

Conforms

Elemental Analysis

Conforms

%C: 76.81, %H: 12.57

MS

Conforms to Structure

Conforms

Specific Rotation

Report Result

-2.8° (Neat)

### Additional Information

TLC Conditions: SiO<sub>2</sub>; Hexanes : Ethyl Acetate = 7 : 3; Visualized with AMCS and KMnO<sub>4</sub>; R<sub>f</sub> = 0.45.

Elemental Analysis: (Theoretical) %C: 76.86, %H: 12.90

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of ± 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.

## 4. Signatures

### Reviewed by

*Neha*

Neha Khanna

Product Quality Specialist

### Reviewed by

*Nicole Yip*

Nicole Yip

Product Quality Specialist

### C of A Approved by

*My Nguyen*

My Nguyen

Quality Assurance Associate

### Test Date

11/27/2019

### Retest Date

11/25/2026