

## 1. Identification

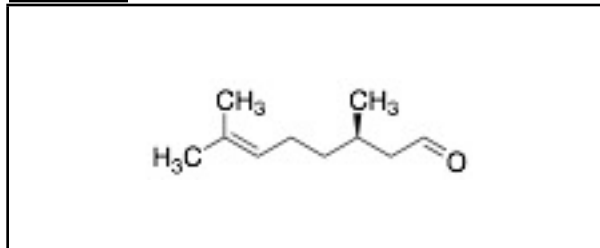
Catalogue Number

C525025

Lot Number

22-MRS-89-1

Structure



Product Name

(+)-Citronellal (>90%)

Synonyms

(3R)-3,7-Dimethyl-6-octenal; (R)-3,7-Dimethyl-6-octenal; (R)-(+)-Citronellal; (R)-Citronellal; D-Citronellal

CAS Number

2385-77-5

Solubility

Chloroform (Sparingly), Methanol (Sparingly)

Shipping Condition

This Product Is Stable To Be Shipped With Blue Ice

Molecular Formula

C<sub>10</sub>H<sub>18</sub>O

Source of Product

Synthetic

Long Term Storage Conditions

-20°C, Inert atmosphere

Molecular Weight

154.25

Purity

>90%

## 2. Warnings

Volatile

## 3. Analytical Information

Tests

Appearance

Specifications

Colourless Oil

Results

Clear Colourless Oil

NMR

Conforms to Structure

Conforms

C NMR

Conforms to Structure

Conforms

Elemental Analysis

Conforms

%C: 75.74, %H: 11.35

GC Purity

Report Result

96.92%

MS

Conforms to Structure

Conforms

Specific Rotation

Report Result

+17.3° (c = 1.3, Chloroform)

Additional Information

N/A

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

R. Reddy

Reviewed by

Toni Rantanen

C of A Approved by

Christina Gouliaras

Test Date

8/30/2024

Retest Date

8/28/2028

Swathi Reddy

Toni Rantanen

Christina Gouliaras

Product Quality Specialist

Manager, Quality Assurance

Quality Assurance Associate