

## 1. Identification

### Catalogue Number

T526125

### Lot Number

712218164-2-1

### Product Name

D-alpha-Tocopherol

### Synonyms

(+)-(2R,4'R,8'R)-α-Tocopherol; 5,7,8-Trimethyltocol; (R)-2,5,7,8-Tetramethyl-2-((4R,8R)-4,8,12-trimethyltridecyl)chroman-6-ol; Cadvion; Denamone; Eprolin; (R,R,R)-α-Tocopherol;

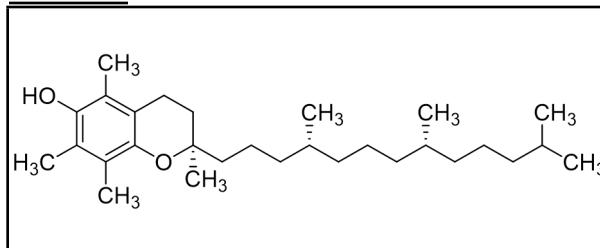
### CAS Number

59-02-9

### Solubility

Chloroform (Slightly), Ethanol (Slightly)

### Structure



### Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

### Molecular Formula

C<sub>29</sub>H<sub>50</sub>O<sub>2</sub>

### Source of Product

N/A

### Long Term Storage Conditions

-20°C, Inert atmosphere, Light sensitive

### Molecular Weight

430.71

### Purity

>95%

## 2. Warnings

Light Sensitive

## 3. Analytical Information

### Tests

Appearance

### Specifications

Colourless to Light Yellow Oil to Thick Oil

### Results

Clear Colourless Thick Oil

NMR

Conforms to Structure

Conforms

Elemental Analysis

Conforms

%C: 80.93, %H: 11.43

HPLC Purity

>95%

97.73% (205 nm)

MS

Conforms to Structure

Conforms

### 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. Swathi

Swathi Reddy

Product Quality Specialist

### Reviewed by

Toni Rantanen

Toni Rantanen

Manager, Quality Assurance

### C of A Approved by

Sadaf Samadi

Sadaf Samadi

Quality Assurance Associate

### Test Date

6/25/2025

### Retest Date

6/23/2029