



## Vitamin E T-50 Mixed Tocopherol Oil, Non-GMO Soy

INCI: Tocopherol

Product ID: OILVITESOYMT50IN1193

### Specifications

#### Analytical Details

**Appearance:**

**Odor:**

**Identification A:**

**Identification B:**

**Acidity (ml 0.1N NaOH/g):**

**Specific Rotation ( $[\alpha]_D^{25}$ ):**

**Relative Density:**

**Total Tocopherol:**

**Non Alpha-Tocopherol:**

#### Tocopherol Content

**d- $\delta$ -Tocopherol:**

**d- $\beta$ -Tocopherol:**

**d- $\gamma$ -Tocopherol:**

**d- $\alpha$ -Tocopherol:**

#### Heavy Metals

**\*Total Heavy Metals:**

**\*Arsenic:**

**\*Lead:**

**\*Cadmium:**

**\*Mercury:**

#### Contaminants

**Residual Solvents:**

**\*Benzo(a)pyrene:**

**\*Sum PAH (4):**

#### Methods

Visual

Organoleptic

FCC

HPLC

FCC

FCC

In-House

HPLC

HPLC

HPLC

HPLC

HPLC

HPLC

ICP-MS

ICP-MS

ICP-MS

ICP-MS

ICP-MS

USP

GC-MS

GC-MS

#### Specifications

Clear, Yellow to Brownish Red

Viscous Oil

Mild

Bright Red to Orange Color Develops

Retention Time of Major Peak in the

Sample Corresponds to Standard

$\leq 1.0$  mL

NLT  $+20^\circ$

0.90 - 0.96

$\geq 50.00\%$

$\geq 40.00\%$

10.00 - 30.00%

0.01 - 5.00%

50.00 - 70.00%

5.00 - 20.00%

$\leq 5.0$  ppm

$\leq 0.2$  ppm

$\leq 0.5$  ppm

$\leq 0.2$  ppm

$\leq 0.1$  ppm

Meets Current USP

$\leq 2.0$  ppb

$\leq 10.0$  ppb

**NATURAL SOURCING®**

Natural Sourcing, LLC • 341 Christian Street, Oxford, CT 06478

Phone: (203) 702-2500 • Toll Free: (800) 340-0080 • Fax: (203) 702-2501 • [info@naturalsourcing.com](mailto:info@naturalsourcing.com)

[www.naturalsourcing.com](http://www.naturalsourcing.com)

**Microbiological**

<b>*Total Plate Count:</b>	ISO 4833-1:2013	≤ 1000 cfu/g
<b>*Yeast &amp; Mold:</b>	ISO 21527-1:2008	≤ 100 cfu/g
<b>*Coliforms:</b>	ISO 4832:2006	≤ 10 cfu/g
<b>*E. Coli:</b>	ISO 16649-2:2001	Absent /10g
<b>*S. Aureus:</b>	ISO 6888-1: 2021	Absent /10g
<b>*Pseudomonas Aeruginosa:</b>	ISO 12780:2011	Absent /10g
<b>*Salmonella:</b>	ISO 6579-1:2017	Absent /25g
<b>*Enterobacteriaceae:</b>	ISO 27528 :2017	Absent /25g

**\*Note: These parameters are not tested on every batch of this product.**

**Shelf Life:** 3 Years

**Date:** 07/12/2024

Disclaimer: All information, appearing herein on our products is based upon data that are believed to be reliable. However, it is the user's responsibility to determine the suitability of the product before use. Since the actual use of the product is beyond our control, no guarantee, express or implied, is made by Natural Sourcing of the product nor does Natural Sourcing assume any liability arising out of use, by others, of the product referred to herein.

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