



Vitamin E Oil, 400 IU, Non-GMO Sunflower (Tocopherol)

INCI: Tocopherol

Product ID: OILVITE400SUNIN852

Specifications

Analytical Details

Appearance:

Odor:

Identification A:

Identification B:

Identification C:

Acidity (ml 0.1N NaOH/g):

Relative Density:

Total Tocopherol:

d- α -Tocopherol:

Alpha-Tocopherol:

Tocopherol Content

d- δ -Tocopherol:

d- β -Tocopherol:

d- γ -Tocopherol:

d- α -Tocopherol:

Heavy Metals

***Total Heavy Metals:**

***Arsenic:**

***Lead:**

***Cadmium:**

***Mercury:**

Contaminants

Residual Solvents:

***Benzo(a)pyrene:**

***Sum PAH (4):**

Methods

Visual

Organoleptic

USP

USP

USP

USP

In-House

GC

GC

GC

GC

GC

GC

GC

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

Specific Rotation $[\alpha]_{D^{25}}^{NLT} +24^{\circ}$

Retention Time of Major Peak in the Sample Corresponds to Standard

≤ 1.0 mL

0.90 - 0.96

$\geq 28\%$

≥ 268 mg/g

≥ 400 IU

0.01 - 3.00%

0.01 - 3.00%

0.01 - 10.00%

90.00 - 99.00%

≤ 5.0 ppm

≤ 0.2 ppm

≤ 0.5 ppm

≤ 0.2 ppm

≤ 0.1 ppm

Meets Current USP

≤ 2.0 ppb

≤ 10.0 ppb

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**Microbiological**

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

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

Shelf Life: 3 Years

Date: 02/27/2024

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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