

Certificate of Analysis

(Representative Sample Certificate)

Product Name: Vitamin E Tocopherol Natural
INCI Name: Tocopherol
CAS Number: 59-02-9, 16698-35-4, 54-28-4, 119-13-1
Lot Number: Not available (data may vary slightly with different lots or batches)
Expiration Date: 36 months from production date

Property	Specification	Analysis
d- α tocopherol (AOAC 969.40)	<180 mg/gg	87 mg/g
d- β tocopherol (AOAC 969.40)	As reported	10 mg/g
d- γ tocopherol (AOAC 969.40)	As reported	240 mg/g
d- δ tocopherol (AOAC 969.40)	As reported	630 mg/g
Total tocopherols (AOAC 969.40)	>900 mg/g	967 mg/g
Aerobic Plate Count (USP <2021>)	<1,000 cfu/g	<1,000 cfu/g
Coliform Count (USP <2021>)	<100 cfu/g	<100 cfu/g
Yeast & Mold (USP <2021>)	<100 cfu/g	<100 cfu/g
Escherichia coli (USP <2022>)	Absent	Absent
Salmonella sp. (USP <2022>)	Absent	Absent
Staphylococcus (USP <2022>)	Absent	Absent
Arsenic (AOAC 993.14)	<1.5 mg/kg	<1.0 mg/kg
Cadmium (AOAC 993.14)	<2.5 mg/kg	<0.5 mg/kg
Lead (AOAC 993.14)	<2.0 mg/kg	<0.5 mg/kg
Mercury (DMA)	<0.2 mg/kg	<.01 mg/kg
Acid Value (AOCS Cd 3d-63)	\leq 2.0 ml of 0.1 NaOH	\leq 1.0 ml of 0.1 NaOH
Residual Solvents ppm	USP <467>	Pass

The above data was obtained using the test indicated and is subject to the deviation inherent in the test method. Results may vary under other test methods or conditions.

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This report is not to be signed. All data are as per our supplier.

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