

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-10-24 13:57:16

Date of Next Testing: 2028-10-23 13:57:16

Product Name: **D- α -Tocopherol polyethylene glycol 1000 succinate**

CAS Number: 9002-96-4

Specifications & Purity: UltraBio™, Ultra pure, water soluble vitamin E conjugate

Lot #: J2523440

SKU #: **D475320**

Version: **1**

Analysis #: **592920**

Storage Temperature: Store at 2-8°C, Protected from light, Argon charged

Parameter	Limit Values	Result
Assay(Alpha Tocopherol)	≥25 (%)	29.00000 %
Melting point	36-41 (°C)	37.00000 °C
Aluminium(Al)	0-5 (ppm)	0.25300 ppm
Barium(Ba)	0-5 (ppm)	0.11800 ppm
Bismuth(Bi)	0-5 (ppm)	1.06300 ppm
Calcium(Ca)	0-10 (ppm)	2.84100 ppm
Cadmium(Cd)	0-5 (ppm)	0.23700 ppm
Cobalt(Co)	0-5 (ppm)	0.37400 ppm
Chromium(Cr)	0-5 (ppm)	0.16200 ppm
Copper(Cu)	0-5 (ppm)	0.03650 ppm
Iron(Fe)	0-5 (ppm)	0.04100 ppm
Potassium(K)	0-50 (ppm)	1.52800 ppm
Lithium(Li)	0-5 (ppm)	0.36500 ppm
Magnesium(Mg)	0-5 (ppm)	0.40800 ppm
Manganese(Mn)	0-5 (ppm)	0.11900 ppm
Molybdenum(Mo)	0-5 (ppm)	0.10500 ppm
Sodium(Na)	0-50 (ppm)	0.84600 ppm
Nickel(Ni)	0-5 (ppm)	0.28500 ppm
Lead(Pb)	0-5 (ppm)	0.01400 ppm
Strontium(Sr)	0-5 (ppm)	0.62580 ppm
Zinc(Zn)	0-5 (ppm)	0.62400 ppm
Appearance(D475320)	White or Colorless to Yellow to Light Brown Powder or Solid or Chunk(s) to Clear Liquid	White or Colorless to Yellow to Light Brown Powder or Solid or Chunk(s) to Clear Liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



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Parameter	Limit Values	Result
Solubility in water(1 g/10 mL), Clear to Hazy , colorless to faintly yellow	Pass	Pass

A handwritten signature in black ink that reads "John Su". The signature is written in a cursive, flowing style.

John Su
QA & QC Manager