

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-03-20 08:54:43

Date of Next Testing: 2029-03-19 08:54:43

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 #: C2611590

SKU #: **D475320**

Version: **1**

Analysis #: **664512**

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)	2.50000 ppm
Barium(Ba)	0-5 (ppm)	2.10000 ppm
Bismuth(Bi)	0-5 (ppm)	3.22000 ppm
Calcium(Ca)	0-10 (ppm)	6.22000 ppm
Cadmium(Cd)	0-5 (ppm)	1.50000 ppm
Cobalt(Co)	0-5 (ppm)	1.50000 ppm
Chromium(Cr)	0-5 (ppm)	4.10000 ppm
Copper(Cu)	0-5 (ppm)	0.95000 ppm
Iron(Fe)	0-5 (ppm)	1.55000 ppm
Potassium(K)	0-50 (ppm)	3.24000 ppm
Lithium(Li)	0-5 (ppm)	2.41000 ppm
Magnesium(Mg)	0-5 (ppm)	1.52000 ppm
Manganese(Mn)	0-5 (ppm)	0.85120 ppm
Molybdenum(Mo)	0-5 (ppm)	0.95000 ppm
Sodium(Na)	0-50 (ppm)	2.51000 ppm
Nickel(Ni)	0-5 (ppm)	1.04000 ppm
Lead(Pb)	0-5 (ppm)	1.44700 ppm
Strontium(Sr)	0-5 (ppm)	2.92000 ppm
Zinc(Zn)	0-5 (ppm)	0.74000 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