

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-08-20 09:10:12

Date of Next Testing: 2029-08-19 09:10:12

Product Name: **Ethylenediaminetetraacetic acid tripotassium salt dihydrate**

CAS Number: 65501-24-8

Specifications & Purity: $\geq 99\%$

Lot #: K2109719

SKU #: **E111797**

Version: **0**

Analysis #: **556459**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Sulfate(SO ₄ ²⁻)	0-500 (ppm)	0.00010 ppm
Chloride (Cl ⁻)	0-50 (ppm)	0.00006 ppm
UV Absorbance 280nm	0-0.05	0.02300
UV Absorbance 260nm	0-1.5	0.01200
Purity(KT)	99-100 (%)	99.03000 %
Melting point	178-182 (°C)	180.58000 °C
pH	7-9	7.90000
Appearance (E111797)	White Powder or Crystals	White Powder or Crystals
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O , 0.1 M(20 °C), Solution colorless transparent	pass	Pass
λ , 0.1 M in H ₂ O	Pass	Pass



John Su
QA & QC Manager