

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-08-26 10:26:19

Date of Next Testing: 2028-08-25 10:26:19

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

CAS Number: 65501-24-8

Specifications & Purity: $\geq 99\%$

Lot #: H2406646

SKU #: **E111797**

Version: **0**

Analysis #: **392608**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Sulfate(SO ₄ ²⁻)	0-500 (ppm)	1.25800 ppm
Chloride (Cl ⁻)	0-50 (ppm)	0.36200 ppm
UV Absorbance 280nm	0-0.05	0.02100
UV Absorbance 260nm	0-1.5	0.03000
Purity(KT)	99-100 (%)	99.84920 %
pH	7-9	8.52000
Melting point	178-182 (°C)	181.25000 °C
Appearance (E111797)	White Powder or Crystals	White Powder or Crystals
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
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager