

## Certificate of Analysis

Date of Testing: 2023-02-07 09:54:37  
Date of Next Testing: 2027-02-06 09:54:37  
Product Name: **Ethylenediaminetetraacetic acid tripotassium salt dihydrate**  
CAS Number: 65501-24-8  
Specifications & Purity: 99%  
Lot #: E1528162  
SKU #: **E111797**  
Analysis: **183830**

Parameter	Limit Values	Result
Sulfate(SO <sub>4</sub> <sup>2-</sup> )	0-500 (ppm)	1.00 ppm
Chloride (Cl <sup>-</sup> )	0-50 (ppm)	1.00 ppm
UV Absorbance 280nm	0-0.05	0.03
UV Absorbance 260nm	0-1.5	1.50
Purity(KT)	99-100 (%)	99.32 %
Melting point	178-182 (°C)	179.00000 °C
PH	7-9	8.00
Appearance (E111797)	White Powder or Crystals	White Powder or Crystals
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in H <sub>2</sub> O , 0.1 M(20 °C), Solution colorless transparent	pass	Pass
λ,0.1 M in H <sub>2</sub> O	Pass	Pass



John Su  
QA & QC Manager