

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-07-16 10:46:24
Date of Next Testing: 2028-07-15 10:46:24
Product Name: **Ethylenediaminetetraacetic acid dipotassium salt dihydrate**
CAS Number: 25102-12-9
Specifications & Purity: $\geq 98\%$
Lot #: I2021149
SKU #: **E100258**
Version: **0**
Analysis #: **388394**

Parameter	Limit Values	Result
Sodium(Na)	0-0.25 (%)	0.15 %
Potassium(K)(anhydrous)	17-25.5 (%)	24.70 %
Purity (Chelometric Titration) (anhydrous)	97.5-102.5 (%)	98.02 %
Loss on drying	0-10 (%)	3.85 %
Appearance (E100258)	White to off-white solid	White to off-white solid
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in 3 M KOH	Colorless to Faint Yellow Clear to Hazy,160mg/ ml	Colorless to Faint Yellow Clear to Hazy,160mg/ ml



John Su
QA & QC Manager