

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-12-23 09:42:41

Date of Next Testing: 2028-12-22 09:42:41

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

CAS Number: 25102-12-9

Specifications & Purity: AR, ≥98%

Lot #: F2102258

SKU #: **E100258**

Version: **0**

Analysis #: **453259**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Sodium(Na)	0-0.25 (%)	0.11000 %
Potassium(K)(anhydrous)	17-25.5 (%)	23.16000 %
Purity (Chelometric Titration) (anhydrous)	97.5-102.5 (%)	99.08100 %
Loss on drying	0-10 (%)	4.11970 %
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