

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-11-08 14:07:00
Date of Next Testing: 2027-11-07 14:07:00
Product Name: **Ethylenediaminetetraacetic acid calcium Disodium salt hydrate**
CAS Number: 23411-34-9
Specifications & Purity: Analytical Reagent
Lot #: K2302335
SKU #: **E102871**
Analysis: **255154**

| Parameter | Limit Values | Result |
|---|---|---|
| PH | 6.5-8 | 6.95 |
| Water by Karl Fischer | 0-13 (%) | 8.76 % |
| Purity(Titration by 0.1M EDTA)(alcd.on anh.substance) | 97-103 (%) | 99.68 % |
| Calcium(Ca) anhydrous | 9.5-11 (%) | 9.52 % |
| Sodium(ICP)(dry basis) | 11.9-12.7 (%) | 12.62 % |
| Appearance (E102871) | white or almost white powder or crystals | white or almost white powder or crystals |
| Solubility in H ₂ O , Colorless, Clear, 0.16g/ml | pass | Pass |
| Infrared spectrum | Conforms to Structure | Conforms to Structure |



John Su
QA & QC Manager