

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-10-31 18:23:26  
 Date of Next Testing: 2029-10-30 18:23:26  
 Product Name: **Ethylenediaminetetraacetic acid disodium salt dihydrate**  
 CAS Number: 6381-92-6  
 Specifications & Purity: AR, ≥98%  
 Lot #: J2522309  
 SKU #: **E116428**  
 Version: 5  
 Analysis #: **591494**  
 Storage Temperature: Room temperature, Argon charged

| Parameter           | Limit Values          | Result                |
|---------------------|-----------------------|-----------------------|
| Assay               | 98-102.5 (%)          | 99.50000 %            |
| Sulfate(SO42-)      | 0-0.02 (%)            | 0.01800 %             |
| Heavy metal (as Pb) | 0-0.001 (%)           | 0.00080 %             |
| Iron(Fe)            | 0-0.001 (%)           | 0.00100 %             |
| Chloride (Cl-)      | 0-0.005 (%)           | 0.00400 %             |
| Infrared spectrum   | Conforms to Structure | Conforms to Structure |
| Proton NMR spectrum | Conforms to Structure | Conforms to Structure |
| Clarity of solution | pass                  | Pass                  |
| Solubility in Water | Pass                  | Pass                  |



John Su  
QA & QC Manager