

Shanghai Aladdin Biochemical Technology Co., LTD  
809 Chuhua Branch Road, Fengxian District, Shanghai 201400, China

## Certificate of Analysis

Date of Testing: 2024-10-11 14:58:48  
Date of Next Testing: 2028-10-10 14:58:48  
Product Name: **Ethylenediaminetetraacetic acid disodium salt dihydrate**  
CAS Number: 6381-92-6  
Specifications & Purity: Guaranteed Reagent, 99%  
Lot #: I2425305  
SKU #: **E116429**  
Version: **3**  
Analysis #: **401408**

| Parameter                      | Limit Values          | Result                |
|--------------------------------|-----------------------|-----------------------|
| Iron(Fe)                       | 0-0.0005 (%)          | 0.00000 %             |
| Copper(Cu)                     | 0-0.00025 (%)         | 0.00000 %             |
| Heavy metal (as Pb)            | 0-0.001 (%)           | 0.00000 %             |
| Chloride (Cl-)                 | 0-0.004 (%)           | 0.00000 %             |
| Sulfate(SO42-)                 | 0-0.01 (%)            | 0.00000 %             |
| Nitrilotriacetic acid(C6H9NO6) | 0-0.05 (%)            | 0.05000 %             |
| Assay                          | 99-100 (%)            | 99.52000 %            |
| Proton NMR spectrum            | Conforms to Structure | Conforms to Structure |
| Solubility in Water            | Pass                  | Pass                  |
| Clarity of solution            | Pass                  | Pass                  |
| Infrared spectrum              | Conforms to Structure | Conforms to Structure |



John Su  
QA & QC Manager