

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

## Certificate of Analysis

Date of Testing: 2024-11-15 09:07:47  
Date of Next Testing: 2028-11-14 09:07:47  
Product Name: **Ethylenediaminetetraacetic acid**  
CAS Number: 60-00-4  
Specifications & Purity: Ultra pure, anhydrous, ≥99.5%(T)  
Lot #: K2412340  
SKU #: **E112485**  
Version: **0**  
Analysis #: **427648**

| Parameter                          | Limit Values                     | Result                           |
|------------------------------------|----------------------------------|----------------------------------|
| Purity(Complexometric titration)   | 99.5-100 (%)                     | 99.77370 %                       |
| Loss on drying                     | 0-1 (%)                          | 0.00000 %                        |
| Nitrogen by Elemental Analysis     | 9.3-9.8 (%)                      | 9.62400 %                        |
| Carbon by Elemental Analysis       | 40.7-41.5 (%)                    | 41.01100 %                       |
| Appearance (E112485)               | White to Off-White Powder        | White to Off-White Powder        |
| Solubility in 3 M NaOH , 160 mg/ml | Colorless to Faint Yellow, Clear | Colorless to Faint Yellow, Clear |



John Su  
QA & QC Manager