

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

## Certificate of Analysis

Date of Testing: 2024-09-28 16:46:05  
Date of Next Testing: 2028-09-27 16:46:05  
Product Name: **Ethylenediaminetetraacetic acid**  
CAS Number: 60-00-4  
Specifications & Purity: Ultra pure, anhydrous, ≥99.5% (titration)  
Lot #: I2420519  
SKU #: **E112485**  
Version: **0**  
Analysis #: **409297**

| Parameter                          | Limit Values                     | Result                           |
|------------------------------------|----------------------------------|----------------------------------|
| Purity(Complexometric titration)   | 99.5-100 (%)                     | 99.88440 %                       |
| Loss on drying                     | 0-1 (%)                          | 0.11000 %                        |
| Nitrogen by Elemental Analysis     | 9.3-9.8 (%)                      | 9.58600 %                        |
| Carbon by Elemental Analysis       | 40.7-41.5 (%)                    | 40.87800 %                       |
| 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