

## 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,  $\geq 99.5\%$ (T)  
Lot #: K2412340  
SKU #: **E112485**  
Version: **0**  
Analysis #: **427648**

| Parameter                          | Limit Values                    | Result                          |
|------------------------------------|---------------------------------|---------------------------------|
| Purity(Complexometric titration)   | 99.5-100 (%)                    | 99.77 %                         |
| Loss on drying                     | 0-1 (%)                         | 0.00 %                          |
| Nitrogen by Elemental Analysis     | 9.3-9.8 (%)                     | 9.62 %                          |
| Carbon by Elemental Analysis       | 40.7-41.5 (%)                   | 41.01 %                         |
| 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 |



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QA & QC Manager