

Certificate of Analysis

Date of Testing: 2023-05-19 10:40:25
Date of Next Testing: 2027-05-18 10:40:25
Product Name: **Ethylenediaminetetraacetic acid**
CAS Number: 60-00-4
Specifications & Purity: Ultra pure, anhydrous, $\geq 99.5\%$ (titration)
Lot #: E2305693
SKU #: **E112485**
Analysis: 214863

| Parameter | Limit Values | Result |
|------------------------------------|---------------------------------|---------------------------------|
| Purity(Complexometric titration) | 99.5-100 (%) | 99.64 % |
| Loss on drying | 0-1 (%) | 0.14 % |
| Nitrogen by Elemental Analysis | 9.3-9.8 (%) | 9.67 % |
| Carbon by Elemental Analysis | 40.7-41.5 (%) | 40.98 % |
| 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