

## Certificate of Analysis

Date of Testing: 2024-07-12 15:43:23  
Date of Next Testing: 2028-07-11 15:43:23  
Product Name: **Ethylenediaminetetraacetic acid**  
CAS Number: 60-00-4  
Specifications & Purity: reagent grade,99.5%  
Lot #: G2409121  
SKU #: **E112487**  
Version: **0**  
Analysis #: **377388**

| Parameter  | Limit Values              | Result                    |
|--|---------------------------|---------------------------|
| Calcium(Ca)  | 0-0.001 (%)               | 0.00 %                    |
| Purity(Titration)  | 99.5-100.5 (%)            | 99.99 %                   |
| Iron(Fe)   | 0-0.005 (ppm)             | 0.00 ppm                  |
| Nitrilotriacetic acid[(HOCOCH <sub>2</sub> ) <sub>3</sub> N] | 0-0.1 (%)                 | 0.02 %                    |
| Insoluble in dilute ammonium hydroxide                       | 0-0.005 (%)               | 0.00 %                    |
| Magnesium(Mg)  | 0-5 (ppm)                 | 2.00 ppm                  |
| Heavy metal (as Pb)  | 0-0.001 (%)               | 0.00 %                    |
| Ignition Residue   | 0-0.2 (%)                 | 0.02 %                    |
| Appearance (E112487)   | White to Off-White Powder | White to Off-White Powder |



John Su  
QA & QC Manager