

## Certificate of Analysis

Date of Testing: 2025-02-11 09:35:35  
Date of Next Testing: 2029-02-10 09:35:35  
Product Name: **Sodium citrate dihydrate**  
CAS Number: 6132-04-3  
Specifications & Purity: ACS, ≥99%(NT)  
Lot #: A2522180  
SKU #: **S116314**  
Version: **1**  
Analysis #: **458367**

| Parameter                  | Limit Values             | Result                   |
|----------------------------|--------------------------|--------------------------|
| PH at 25°C(5% in water)    | 7-9                      | 8.37                     |
| Heavy metal (as Pb)        | 0-5 (ppm)                | 0.00 ppm                 |
| Sulfate(SO42-)             | 0-0.005 (%)              | 0.00 %                   |
| Calcium(Ca)                | 0-0.005 (%)              | 0.00 %                   |
| Chloride (Cl-)             | 0-0.003 (%)              | 0.00 %                   |
| Insoluble matter in H2O    | 0-0.005 (%)              | 0.00 %                   |
| Iron(Fe)                   | 0-5 (ppm)                | 0.00 ppm                 |
| Purity(Titration by HClO4) | 99-102.5 (%)             | 99.84 %                  |
| Ammonia (NH3)              | 0-0.003 (%)              | 0.00 %                   |
| Appearance (S116314)       | White Powder or Crystals | White Powder or Crystals |
| Proton NMR spectrum        | Conforms to Structure    | Conforms to Structure    |



John Su  
QA & QC Manager