

## Certificate of Analysis

Date of Testing: 2023-03-21 14:11:07  
Date of Next Testing: 2027-03-20 14:11:07  
Product Name: **Sodium citrate dihydrate**  
CAS Number: 6132-04-3  
Specifications & Purity: 99.0%  
Lot #: C2317546  
SKU #: **S116311**  
Analysis: **202374**

| Parameter  | Limit Values             | Result                   |
|--|--------------------------|--------------------------|
| Sodium(Na)   | 21.1-24.6 (%)            | 22.50%                   |
| Purity(Titration by HClO <sub>4</sub> )                                      | 99-102.5 (%)             | 99.24%                   |
| Heavy metal (as Pb)  | 0-5 (ppm)                | 2.00 ppm                 |
| Water by Karl Fischer  | 9.5-14.3 (%)             | 10.50%                   |
| Appearance (S116311)   | White Powder or Crystals | White Powder or Crystals |
| Proton NMR spectrum  | Conforms to Structure    | Conforms to Structure    |
| Solubility in H <sub>2</sub> O , Colorless,Clear,100 mg/mL, H <sub>2</sub> O | pass                     | Pass                     |



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