

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-12-13 13:15:37  
 Date of Next Testing: 2026-12-12 13:15:37  
 Product Name: **Sodium citrate dibasic sesquihydrate**  
 CAS Number: 6132-05-4  
 Specifications & Purity:  $\geq 98\%$   
 Lot #: L2209327  
 SKU #: **S140844**  
 Version: **2**  
 Analysis #: **149275**  
 Storage Temperature: Room temperature

| Parameter                               | Limit Values                          | Result                                |
|-----------------------------------------|---------------------------------------|---------------------------------------|
| Water by Karl Fischer                   | 0-14 (%)                              | 0.84000 %                             |
| PH(25°C, 50mg/mL in water)              | 4.6-5.2                               | 4.86900                               |
| Purity(Titration by HClO <sub>4</sub> ) | 98-102.5 (%)                          | 99.22000 %                            |
| Appearance (S140844)                    | Colorless or White Powder or Crystals | Colorless or White Powder or Crystals |
| ICP:Confirms Sodium Component           | Confirmed                             | Confirmed                             |
| Solubility in 25°C H <sub>2</sub> O     | Colorless Clear (< 3.5 NTU) 50mg/ml   | Colorless Clear (< 3.5 NTU) 50mg/ml   |
| Infrared spectrum                       | Conforms to Structure                 | Conforms to Structure                 |



John Su  
QA & QC Manager