

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-08-30 16:40:09

Date of Next Testing: 2026-08-29 16:40:09

Product Name: **Sodium citrate dibasic sesquihydrate**

CAS Number: 6132-05-4

Specifications & Purity:  $\geq 98\%$

Lot #: H2218651

SKU #: **S140844**

Version: **2**

Analysis #: **123878**

Storage Temperature: Room temperature

| Parameter                               | Limit Values                          | Result                                |
|-----------------------------------------|---------------------------------------|---------------------------------------|
| Water by Karl Fischer                   | 0-14 (%)                              | 10.63000 %                            |
| PH(25°C, 50mg/mL in water)              | 4.6-5.2                               | 4.80000                               |
| Purity(Titration by HClO <sub>4</sub> ) | 98-102.5 (%)                          | 98.84000 %                            |
| 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