

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-01-25 17:12:51  
Date of Next Testing: 2028-01-24 17:12:51  
Product Name: **DL-Isocitric acid trisodium salt hydrate**  
CAS Number: 1637-73-6  
Specifications & Purity: 93%  
Lot #: A2419431  
SKU #: **I106830**  
**Analysis:** **318090**  
Storage Temperature: Store at 2-8°C, Protected from light

| Parameter                      | Limit Values                              | Result                                    |
|--------------------------------|---|---|
| Water by Karl Fischer          | 0-20 (%)                                  | 2.09 %                                    |
| Purity(anhydrous)              | 93-100 (%)                                | 94.59 %                                   |
| Appearance (I106830)           | White to Off-White to light yellow Powder | White to off-white to light yellow powder |
| ICP: Confirms Sodium Component | Confirmed                                 | Confirmed                                 |
| Proton NMR spectrum            | Conforms to Structure                     | Conforms to Structure                     |



John Su  
QA & QC Manager