

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-06-03 16:14:29  
Date of Next Testing: 2027-06-02 16:14:29  
Product Name: **DL-Isocitric acid trisodium salt hydrate**  
CAS Number: 1637-73-6  
Specifications & Purity: 93%  
Lot #: E2327301  
SKU #: **I106830**  
**Analysis:** **233047**  
Storage Temperature: Store at 2-8°C, Protected from light

Parameter	Limit Values	Result
Water by Karl Fischer	0-20 (%)	11.30 %
Purity(anhydrous)	93-100 (%)	98.10 %
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