

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-11-04 16:21:27  
Date of Next Testing: 2028-11-03 16:21:27  
Product Name: **DL-Isocitric acid trisodium salt hydrate**  
CAS Number: 1637-73-6  
Specifications & Purity:  $\geq 93\%$   
Lot #: J2430400  
SKU #: **I106830**  
Version: **1**  
Analysis #: **431025**  
Storage Temperature: Store at 2-8°C, Protected from light

Parameter	Limit Values	Result
Water by Karl Fischer	0-20 (%)	0.63 %
Purity(anhydrous)	93-100 (%)	95.12 %
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