

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-02-12 13:09:58  
Date of Next Testing: 2028-02-12 13:09:58  
Product Name: **tri-Sodium citrate**  
CAS Number: 68-04-2  
Specifications & Purity: Anhydrous, USP  
Lot #: B2506830  
SKU #: **T433302**  
Version: **1**  
Analysis #: **454635**  
Storage Temperature: Room temperature, Argon charged, Desiccated, Cool

Parameter	Limit Values	Result
pH	7.5-9.0	8.53000
Loss on drying	0-1 (%)	0.11990 %
Aluminium(Al)	0-1 (ppm)	0.00000 ppm
Arsenic(As)	0-1 (ppm)	0.00000 ppm
Mercury(Hg)	0-1 (ppm)	0.00000 ppm
Lead(Pb)	0-1 (ppm)	0.00000 ppm
Perchloric acid titration , previously dried substance (USP)	99-100.5 (%)	99.35000 %
Oxalate(as C <sub>2</sub> H <sub>2</sub> O <sub>4</sub> )	0-100 (ppm)	100.00000 ppm
Appearance(T433302)	White to almost white granular powder or crystalline powder	White to almost white granular powder or crystalline powder
ICP: Confirms Sodium Component	Confirmed	Confirmed
Identity(Citrate)	Passes test	Passes test
Tartrate(C <sub>4</sub> H <sub>4</sub> O <sub>6</sub> )	Passes test	Passes test



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A handwritten signature in black ink that reads "John Su". The signature is written in a cursive, flowing style.

John Su  
QA & QC Manager