

ALADDIN SCIENTIFIC CORPORATION
 14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-12-26 11:52:36
 Date of Next Testing: 2028-12-25 11:52:36
 Product Name: **tri-Sodium citrate**
 CAS Number: 68-04-2
 Specifications & Purity: Anhydrous Grade,USP
 Lot #: GML2523674
 SKU #: **T774745**
 Version: **1**
 Analysis #: **631510**
 Storage Temperature: Room temperature,Argon charged

Parameter	Limit Values	Result
Assay(Perchloric acid titration, calc. on anhydrous substance)	99-100.5 (%)	100.26000 %
Water by Karl Fischer	0-1 (%)	0.28000 %
pH(50g/l CO ₂ -free water)	7.5-9.0	8.70000
Aluminium(Al)	0-5 (ppm)	0.00000 ppm
(As)Arsenic	0-1 (ppm)	0.00700 ppm
Mercury(Hg)	0-1 (ppm)	0.00030 ppm
Lead(Pb)	0-1 (ppm)	0.00000 ppm
Oxalates(as C ₂ H ₂ O ₄)	0-100 (ppm)	0.00000 ppm
Loss on drying(180°C,18h)	0-1 (%)	0.40000 %
Identity-Sodium (Na)	Positive	Positive
Identity(Citrate)	Passes test	Passes test
Identity(reaction upon ignition)	passes test	Passes test
Tartrate(C ₄ H ₄ O ₆)	Passes test	Passes test
Alkalinity	Pass	Pass
Residual solvents (ICH Q3C)(excluded by manufacturing process)	pass	Pass



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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