

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-08-06 17:20:34

Date of Next Testing: 2029-08-05 17:20:34

Product Name: **tri-Sodium citrate**

CAS Number: 68-04-2

Grades & Purity: Anhydrous Grade, USP, PharmPure™

Lot #: GMH2604129

SKU #: **T774745**

Version: **1**

Analysis #: **755673**

Storage Temperature: Room temperature, Argon charged, Desiccated, Cool

Parameter	Limit Values	Result
Assay(Perchloric acid titration, calc. on anhydrous substance)	99-100.5 (%)	99.71000 %
Water by Karl Fischer	0-1 (%)	0.31520 %
pH(50g/l CO ₂ -free water)	7.5-9.0	8.42050
Aluminium(Al)	0-5 (ppm)	0.00000 ppm
(As)Arsenic	0-1 (ppm)	0.01730 ppm
Mercury(Hg)	0-1 (ppm)	0.00000 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 (%)	0.41000 %
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

John Su

John Su
QA & QC Manager