

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-10-18 16:48:29
 Date of Next Testing: 2028-10-17 16:48:29
 Product Name: **tri-Sodium citrate dihydrate**
 CAS Number: 6132-04-3
 Specifications & Purity: Ph.Eur., Suitable for Analysis, ACS, Premium pure
 Lot #: J2517639
 SKU #: **T433112**
 Version: **1**
 Analysis #: **572744**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Insoluble matter in H ₂ O	0-0.005 (%)	0.00000 %
PH (5%, water) 25 ° C	7.5-9	8.95000
(PO ₄)Phosphate	0-0.002 (%)	0.00000 %
Heavy metal (as Pb)	0-0.0005 (%)	0.00000 %
Calcium(Ca)	0-0.005 (%)	0.00000 %
Iron(Fe)	0-0.0005 (%)	0.00000 %
Assay(perchloric acid titration)	99-101 (%)	99.39000 %
Chloride (Cl ⁻)	0-0.001 (%)	0.00090 %
oxalate (C ₂ O ₄ ²⁻)	0-0.03 (%)	0.02000 %
Sulfate(SO ₄ ²⁻)	0-0.004 (%)	0.00350 %
Ammonia (NH ₃)	0-0.003 (%)	0.00280 %
Total Nitrogen	0-0.001 (%)	0.00100 %
Water by Karl Fischer	11.0-13 (%)	12.95000 %
Assay(Perchloric acid titration, calc. on anhydrous substance)	99-101 (%)	99.05000 %
Appearance(T433112)	White Powder or Crystals	White Powder or Crystals
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure



QualityAssurance@aladdinsci.com

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A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager