

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing:	2026-02-03 17:53:40
Date of Next Testing:	2029-02-02 17:53:40
Product Name:	<b>tri-Sodium citrate dihydrate</b>
CAS Number:	6132-04-3
Specifications & Purity:	Ph.Eur., Suitable for Analysis, ACS, Premium pure
Lot #:	A2623632
SKU #	<b>T433112</b>
Version	<b>1</b>
<b>Analysis #:</b>	<b>610505</b>
Storage Temperature:	Room temperature

Parameter	Limit Values	Result
Insoluble matter in H <sub>2</sub> O	0-0.005 (%)	0.00%
PH (5%, water) 25 ° C	7.5-9	8.58
(PO <sub>4</sub> )Phosphate	0-0.002 (%)	0.00%
Sulfate(SO <sub>4</sub> <sup>2-</sup> )	0-0.004 (%)	0.00%
Heavy metal (as Pb)	0-0.0005 (%)	0.00%
Calcium(Ca)	0-0.005 (%)	0.00%
Iron(Fe)	0-0.0005 (%)	0.00%
Assay(perchloric acid titration)	99-101 (%)	99.34000%
Chloride (Cl <sup>-</sup> )	0-0.001 (%)	0.00%
oxalate (C <sub>2</sub> O <sub>4</sub> <sup>2-</sup> )	0-0.03 (%)	0.03%
Total Nitrogen	0-0.001 (%)	0.00%
Ammonia (NH <sub>3</sub> )	0-0.003 (%)	0.00%
Water by Karl Fischer	11.0-13 (%)	12.58%
Assay(Perchloric acid titration, calc. on anhydrous substance)	99-101 (%)	100.17200%
Appearance(T433112)	White Powder or Crystals	White Powder or Crystals
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure



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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