

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-09-15 10:45:22
 Date of Next Testing: 2027-09-05 10:45:22
 Product Name: **Sodium citrate tribasic dihydrate**
 CAS Number: 6132-04-3
 Specifications & Purity: Suitable for molecular biology, ≥99%
 Lot #: I2508538
 SKU #: **S116315**
 Version: **0**
 Analysis #: **563256**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(Titration by HClO ₄)	99-101 (%)	99.63000 %
Lead(Pb)	0-5 (ppm)	0.00000 ppm
Ammonia (NH ₄)	0-10 (ppm)	2.54000 ppm
Water by Karl Fischer	8.1-13.5 (%)	12.32170 %
Iron(Fe)	0-5 (ppm)	0.00000 ppm
Sodium(Na)	22-24 (%)	22.02000 %
Appearance (S116315)	White Powder or Crystals	White Powder or Crystals
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O , Colorless , Clear , 100 mg in 1 mL H ₂ O	pass	Pass
DNase, Exonuclease Detection	None Detected	none detected
NICKASE	none detected	none detected
proteases	none detected	none detected
RNases	none detected	none detected



John Su
QA & QC Manager