

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-12-09 13:49:03  
Date of Next Testing: 2028-12-08 13:49:03  
Product Name: **Potassium citrate tribasic monohydrate**  
CAS Number: 6100-05-6  
Specifications & Purity: AR, ≥99%  
Lot #: L2405610  
SKU #: **P110491**  
Version: **0**  
Analysis #: **441272**

Parameter	Limit Values	Result
Nickel(Ni)	0-50 (ppm)	0.54 ppm
Cadmium(Cd)	0-50 (ppm)	0.12 ppm
Chloride (Cl-)	0-50 (ppm)	0.25 ppm
PH(5% in water,25°C)	7.5-9	8.26
Copper(Cu)	0-50 (ppm)	1.02 ppm
(Pb)Lead	0-50 (ppm)	0.32 ppm
Sodium(Na)	0-0.15 (%)	0.03 %
Cobalt(Co)	0-50 (ppm)	0.31 ppm
Zinc(Zn)	0-50 (ppm)	0.03 ppm
Sulfate(SO42-)	0-50 (ppm)	0.03 ppm
Iron(Fe)	0-50 (ppm)	0.04 ppm
Purity(Titration by HClO4)	99-101 (%)	99.29 %
Calcium(Ca)	0-50 (ppm)	0.53 ppm
Appearance (P110491)	White to Off-White Solid, Powder, or Crystals	White to Off-White Solid, Powder, or Crystals
Infrared spectrum	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