

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-09-25 16:04:29  
Date of Next Testing: 2029-09-24 16:04:29  
Product Name: **Potassium citrate tribasic monohydrate**  
CAS Number: 6100-05-6  
Specifications & Purity: AR, ≥99%  
Lot #: I2524437  
SKU #: **P110491**  
Version: **0**  
Analysis #: **576411**  
Storage Temperature: Room temperature

| Parameter                  | Limit Values                                  | Result  |
|----------------------------|---|---|
| Nickel(Ni)                 | 0-50 (ppm)                                    | 4.51 ppm                                      |
| Cadmium(Cd)                | 0-50 (ppm)                                    | 3.97 ppm                                      |
| Chloride (Cl-)             | 0-50 (ppm)                                    | 5.40 ppm                                      |
| PH(5% in water,25°C)       | 7.5-9   | 8.00  |
| Copper(Cu)                 | 0-50 (ppm)                                    | 2.99 ppm                                      |
| (Pb)Lead                   | 0-50 (ppm)                                    | 6.50 ppm                                      |
| Sodium(Na)                 | 0-0.15 (%)                                    | 0.01 %  |
| Cobalt(Co)                 | 0-50 (ppm)                                    | 4.52 ppm                                      |
| Zinc(Zn)                   | 0-50 (ppm)                                    | 3.00 ppm                                      |
| Sulfate(SO42-)             | 0-50 (ppm)                                    | 5.10 ppm                                      |
| Iron(Fe)                   | 0-50 (ppm)                                    | 2.90 ppm                                      |
| Purity(Titration by HClO4) | 99-101 (%)                                    | 99.29 %                                       |
| Calcium(Ca)                | 0-50 (ppm)                                    | 25.00 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