

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-09-06 18:29:40  
Date of Next Testing: 2026-09-05 18:29:40  
Product Name: **Potassium citrate tribasic monohydrate**  
CAS Number: 6100-05-6  
Specifications & Purity: Analytical Reagent, ≥99 %  
Lot #: I2202622  
SKU #: **P110491**  
Analysis: **120775**

Parameter	Limit Values	Result
Nickel(Ni)	0-50 (ppm)	22.30 ppm
Cadmium(Cd)	0-50 (ppm)	25.30 ppm
Chloride (Cl-)	0-50 (ppm)	23.40 ppm
PH(5% in water,25°C)	7.5-9	8.30
Copper(Cu)	0-50 (ppm)	25.40 ppm
(Pb)Lead	0-50 (ppm)	17.50 ppm
Sodium(Na)	0-0.15 (%)	0.07 %
Cobalt(Co)	0-50 (ppm)	24.60 ppm
Zinc(Zn)	0-50 (ppm)	19.80 ppm
Sulfate(SO42-)	0-50 (ppm)	12.50 ppm
Iron(Fe)	0-50 (ppm)	30.10 ppm
Purity(Titration by HClO4)	99-101 (%)	99.45 %
Calcium(Ca)	0-50 (ppm)	25.60 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



John Su  
QA & QC Manager