

Certificate of Analysis

Date of Testing: 2023-02-18 16:14:00

Date of Next Testing: 2027-02-17 16:14:00

Product Name: **Potassium citrate tribasic monohydrate**

CAS Number: 6100-05-6

Specifications & Purity: Analytical Reagent, ≥99 %

Lot #: B23111135

SKU #: **P110491**

Analysis: 159059

Parameter	Limit Values	Result
Nickel(Ni)	0-50 (ppm)	5.35 ppm
Cadmium(Cd)	0-50 (ppm)	2.65 ppm
Chloride (Cl-)	0-50 (ppm)	5.49 ppm
PH(5% in water,25°C)	7.5-9	8.25
Copper(Cu)	0-50 (ppm)	2.86 ppm
(Pb)Lead	0-50 (ppm)	4.62 ppm
Sodium(Na)	0-0.15 (%)	0.06 %
Cobalt(Co)	0-50 (ppm)	5.62 ppm
Zinc(Zn)	0-50 (ppm)	4.92 ppm
Sulfate(SO42-)	0-50 (ppm)	12.54 ppm
Iron(Fe)	0-50 (ppm)	8.26 ppm
Calcium(Ca)	0-50 (ppm)	6.57 ppm
Purity(Titration by HClO4)	99-101 (%)	99.10 %
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