

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-08-13 16:55:30
 Date of Next Testing: 2028-08-02 16:55:30
 Product Name: **Potassium phosphate dibasic anhydrous**
 CAS Number: 7758-11-4
 Specifications & Purity: Suitable for molecular biology, ≥99%(T)
 Lot #: H2612779
 SKU #: **P112220**
 Version: **1**
 Analysis #: **743662**
 Storage Temperature: Room temperature, Desiccated

Parameter	Limit Values	Result
Manganese(Mn)	0-5 (ppm)	0.00000 ppm
Sulfate(SO42-)	0-50 (ppm)	0.00000 ppm
Copper(Cu)	0-5 (ppm)	1.00000 ppm
pH	8.7-9.3	9.29000
Lead(Pb)	0-5 (ppm)	0.00000 ppm
Nickel(Ni)	0-5 (ppm)	1.00000 ppm
(As)Arsenic	0-0.1 (ppm)	0.00000 ppm
Bismuth(Bi)	0-5 (ppm)	0.00000 ppm
Sodium(Na)	0-5000 (ppm)	595.00000 ppm
UV Absorbance 280nm	0-0.15	0.01400
UV Absorbance 260nm	0-0.2	0.01500
Cadmium(Cd)	0-5 (ppm)	0.00000 ppm
Chloride (Cl-)	0-50 (ppm)	0.00000 ppm
Barium(Ba)	0-5 (ppm)	0.00000 ppm
Chromium(Cr)	0-5 (ppm)	4.00000 ppm
Iron(Fe)	0-5 (ppm)	0.00000 ppm
Calcium(Ca)	0-10 (ppm)	0.00000 ppm
Lithium(Li)	0-5 (ppm)	0.00000 ppm
Strontium(Sr)	0-5 (ppm)	0.00000 ppm
Zinc(Zn)	0-5 (ppm)	0.00000 ppm
Cobalt(Co)	0-5 (ppm)	1.00000 ppm
Aluminum(Al)	0-5 (ppm)	0.00000 ppm
Magnesium(Mg)	0-5 (ppm)	0.00000 ppm
Molybdenum(Mo)	0-5 (ppm)	0.00000 ppm
Purity(Titration by HClO4)	99-101 (%)	99.45000 %

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Parameter

Appearance (P112220)

DNAse, RNAse, Protease, Phosphatase

Solubility in H₂O , Clear Colorless , 5.225g/30ml (1M), H₂Oλ, 1 M in H₂O

X-Ray Diffraction

Limit Values

white crystalline powder

None Detected

pass

Pass

Conforms to Structure

Result

white crystalline powder

none detected

Pass

Pass

Conforms to Structure

A handwritten signature in black ink that reads "John Su".John Su
QA & QC Manager