

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-03-06 17:50:15
 Date of Next Testing: 2029-03-05 17:50:15
 Product Name: **Potassium phosphate monobasic**
 CAS Number: 7778-77-0
 Specifications & Purity: AR, ≥99.5%
 Lot #: C2504287
 SKU #: **P104075**
 Version: **1**
 Analysis #: **379830**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Iron(Fe)	0-0.001 (%)	0.00010 %
Sodium(Na)	0-0.02 (%)	0.01000 %
PH(5% in water,25°C)	4.2-4.5	4.50000
Loss on drying	0-0.2 (%)	0.10000 %
(As)Arsenic	0-0.0005 (%)	0.00020 %
Heavy metal (as Pb)	0-0.001 (%)	0.00010 %
Assay	99.5-100 (%)	99.56000 %
Total Nitrogen	0-0.001 (%)	0.00100 %
Sulfate(SO42-)	0-0.003 (%)	0.00300 %
Insoluble matter in H2O	0-0.002 (%)	0.00200 %
Chloride (Cl-)	0-0.001 (%)	0.00100 %
Appearance (P104075)	Colorless or White Powder, Crystals and/or Chunks	Colorless or White Powder, Crystals and/or Chunks
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



QualityAssurance@aladdinsci.com

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A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager