

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-03-10 11:12:54  
Date of Next Testing: 2029-03-09 11:12:54  
Product Name: **Potassium phosphate monobasic**  
CAS Number: 7778-77-0  
Specifications & Purity: AR, ≥99.5%  
Lot #: C2506425  
SKU #: **P104075**  
Version: **1**  
Analysis #: **453658**  
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Total Nitrogen	0-0.001 (%)	0.00000 %
Sulfate(SO42-)	0-0.003 (%)	0.00000 %
Insoluble matter in H2O	0-0.002 (%)	0.00000 %
Loss on drying	0-0.2 (%)	0.03520 %
Assay	99.5-100 (%)	99.77000 %
Chloride (Cl-)	0-0.001 (%)	0.00000 %
Iron(Fe)	0-0.001 (%)	0.00100 %
Sodium(Na)	0-0.02 (%)	0.02000 %
Heavy metal (as Pb)	0-0.001 (%)	0.00100 %
PH(5% in water,25°C)	4.2-4.5	4.50000
(As)Arsenic	0-0.0005 (%)	0.00050 %
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



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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