

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-03-26 09:50:45  
Date of Next Testing: 2028-03-25 09:50:45  
Product Name: **Potassium phosphate monobasic**  
CAS Number: 7778-77-0  
Specifications & Purity: Analytical Reagent,99.5%  
Lot #: C2422271  
SKU #: **P104075**  
Analysis: **316444**

| Parameter               | Limit Values                                      | Result  |
|-------------------------|---|---|
| Iron(Fe)                | 0-0.001 (%)                                       | 0.00 %  |
| Sodium(Na)              | 0-0.02 (%)  | 0.01 %  |
| PH(5% in water,25°C)    | 4.2-4.5   | 4.47  |
| Total Nitrogen          | 0-0.001 (%)                                       | 0.00 %  |
| Sulfate(SO42-)          | 0-0.003 (%)                                       | 0.00 %  |
| Insoluble matter in H2O | 0-0.002 (%)                                       | 0.00 %  |
| Loss on drying          | 0-0.2 (%)   | 0.15 %  |
| (As)Arsenic             | 0-0.0005 (%)                                      | 0.00 %  |
| Heavy metal (as Pb)     | 0-0.001 (%)                                       | 0.00 %  |
| Assay                   | 99.5-100 (%)                                      | 99.84 %   |
| Chloride (Cl-)          | 0-0.001 (%)                                       | 0.00 %  |
| 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                             |



John Su  
QA & QC Manager