

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-06-13 18:38:39  
 Date of Next Testing: 2029-06-12 18:38:39  
 Product Name: **Potassium phosphate monobasic**  
 CAS Number: 7778-77-0  
 Specifications & Purity: anhydrous, ACS, ≥99%  
 Lot #: F2602403  
 SKU #: **P434010**  
 Version: **1**  
 Analysis #: **711408**  
 Storage Temperature: Room temperature

| Parameter             | Limit Values             | Result                   |
|-----------------------|--------------------------|--------------------------|
| Loss on drying(105°C) | 0-0.2 (%)                | 0.15000 %                |
| Assay(Titration)      | ≥99 (%)                  | 100.42000 %              |
| Insoluble matter      | 0-0.01 (%)               | 0.00000 %                |
| PH (5%, water) 25 ° C | 4.1-4.5                  | 4.13000                  |
| Chloride Content      | 0-0.001 (%)              | 0.00000 %                |
| Sulfate(SO42-)        | 0-0.003 (%)              | 0.00000 %                |
| Heavy metals          | 0-0.001 (%)              | 0.00000 %                |
| Iron(Fe)              | 0-0.002 (%)              | 0.00000 %                |
| Sodium(Na)            | 0-0.005 (%)              | 0.00050 %                |
| Appearance(P434010)   | White Powder or Crystals | White Powder or Crystals |
| X-Ray Diffraction     | Conforms to Structure    | Conforms to Structure    |



John Su  
QA & QC Manager