

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-06-20 13:52:57
Date of Next Testing: 2027-06-20 13:52:57
Product Name: **Potassium phosphate monobasic**
CAS Number: 7778-77-0
Specifications & Purity: anhydrous, ACS, ≥99%
Lot #: F2419325
SKU #: **P434010**
Version: **1**
Analysis #: **365924**

| Parameter | Limit Values | Result |
|-----------------------|--------------------------|--------------------------|
| Loss on drying(105°C) | 0-0.2 (%) | 0.18 % |
| Assay(Titration) | 99-101.5 (%) | 99.73 % |
| Insoluble matter | 0-0.01 (%) | 0.00 % |
| PH (5%, water) 25 ° C | 4.1-4.5 | 4.47 |
| Chloride Content | 0-0.001 (%) | 0.00 % |
| Sulfate(SO42-) | 0-0.003 (%) | 0.00 % |
| Heavy metals | 0-0.001 (%) | 0.00 % |
| Iron(Fe) | 0-0.002 (%) | 0.00 % |
| Sodium(Na) | 0-0.005 (%) | 0.01 % |
| Appearance(P434010) | White Powder or Crystals | White Powder or Crystals |
| X-Ray Diffraction | Conforms to Structure | Conforms to Structure |



John Su
QA & QC Manager