

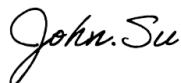
ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-03-02 19:08:14
Date of Next Testing: 2027-03-01 19:08:14
Product Name: **Potassium phosphate monobasic**
CAS Number: 7778-77-0
Specifications & Purity: AR, ≥99.5%
Lot #: B23271143
SKU #: **P104075**
Version: **1**
Analysis #: **186314**

| Parameter | Limit Values | Result |
|-------------------------|---|---|
| Iron(Fe) | 0-0.001 (%) | 0.00 % |
| PH(5% in water,25°C) | 4.2-4.5 | 4.35 |
| 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 (%) | 0.12 % |
| (As)Arsenic | 0-0.0005 (%) | 0.00 % |
| Heavy metal (as Pb) | 0-0.001 (%) | 0.00 % |
| Chloride (Cl-) | 0-0.001 (%) | 0.00 % |
| Sodium(Na) | 0-0.02 (%) | 0.01 % |
| Assay | 99.5-100 (%) | 99.98 % |
| 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