

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-10-25 13:04:13  
Date of Next Testing: 2027-10-25 13:04:13  
Product Name: **Potassium phosphate monobasic**  
CAS Number: 7778-77-0  
Specifications & Purity: anhydrous, ACS, ≥99%  
Lot #: J2424325  
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