

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-01-18 13:37:02
 Date of Next Testing: 2028-01-18 13:37:02
 Product Name: **Potassium phosphate monobasic**
 CAS Number: 7778-77-0
 Specifications & Purity: anhydrous, ACS, ≥99%
 Lot #: A2515118
 SKU #: **P434010**
 Version: **1**
 Analysis #: **365924**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Loss on drying(105°C)	0-0.2 (%)	0.17670 %
Assay(Titration)	99-101.5 (%)	99.73000 %
Insoluble matter	0-0.01 (%)	0.00000 %
PH (5%, water) 25 ° C	4.1-4.5	4.47000
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 (%)	0.00500 %
Appearance(P434010)	White Powder or Crystals	White Powder or Crystals
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
 QA & QC Manager