

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-01-19 17:10:28
Date of Next Testing: 2028-01-18 17:10:28
Product Name: **Potassium phosphate monobasic**
CAS Number: 7778-77-0
Specifications & Purity: Analytical Reagent,99.5%
Lot #: A2418358
SKU #: **P104075**
Analysis: **316444**

Parameter	Limit Values	Result
Iron(Fe)	0-0.001 (%)	0.00 %
Sodium(Na)	0-0.02 (%)	0.01 %
PH(5% in water,25°C)	4.2-4.5	4.47
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 (%)	0.15 %
(As)Arsenic	0-0.0005 (%)	0.00 %
Heavy metal (as Pb)	0-0.001 (%)	0.00 %
Assay	99.5-100 (%)	99.84 %
Chloride (Cl-)	0-0.001 (%)	0.00 %
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