

## Certificate of Analysis

Date of Testing: 2023-04-17 13:22:53  
 Date of Next Testing: 2027-04-16 13:22:53  
 Product Name: **Potassium phosphate monobasic**  
 CAS Number: 7778-77-0  
 Specifications & Purity: AR, ≥99.5%  
 Lot #: D2313941  
 SKU #: **P104075**  
 Version: **1**  
 Analysis #: **205320**

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	4.41
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 (%)	0.14 %
(As)Arsenic	0-0.0005 (%)	0.00 %
Heavy metal (as Pb)	0-0.001 (%)	0.00 %
Assay	99.5-100 (%)	99.95 %
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