

## Certificate of Analysis

Date of Testing: 2023-03-02 19:15:43  
Date of Next Testing: 2027-03-01 19:15:43  
Product Name: **Potassium phosphate monobasic**  
CAS Number: 7778-77-0  
Specifications & Purity: AR, ≥99.5%  
Lot #: B23271141  
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