

## Certificate of Analysis

Date of Testing: 2022-02-28 16:58:06  
Date of Next Testing: 2026-02-27 16:58:06  
Product Name: **Potassium phosphate monobasic**  
CAS Number: 7778-77-0  
Specifications & Purity: Analytical Reagent,99.5%  
Lot #: B2218055  
SKU #: **P104075**  
Analysis: **078705**

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	4.30
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 (%)	0.10 %
(As)Arsenic	0-0.0005 (%)	0.00 %
Heavy metal (as Pb)	0-0.001 (%)	0.00 %
Assay	99.5-100 (%)	99.51 %
Appearance (P104075)	White Powder, Crystals and/or Chunks	White Powder, Crystals and/or Chunks
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager