

## Certificate of Analysis

Date of Testing: 2024-02-22 16:10:06  
Date of Next Testing: 2028-02-21 16:10:06  
Product Name: **Potassium phosphate monobasic**  
CAS Number: 7778-77-0  
Specifications & Purity: ACS  
Lot #: B2420089  
SKU #: **P657650**  
Analysis: **323144**

Parameter	Limit Values	Result
Sodium(Na)	0-0.005 (%)	0.01 %
Assay(Titration)	99-100 (%)	99.24 %
Iron(Fe)	0-0.002 (%)	0.00 %
Heavy metal (as Pb)	0-0.001 (%)	0.00 %
Sulfate(SO42-)	0-0.003 (%)	0.00 %
PH (5%, water) 25 ° C	4.1-4.5	4.40
Loss on drying(105°C)	0-0.2 (%)	0.06 %
Insoluble matter in H2O	0-0.01 (%)	0.01 %
Appearance(P657650)	White Powder or Crystals	White Powder or Crystals
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager