

Shanghai Aladdin Biochemical Technology Co., LTD
809 Chuhua Branch Road, Fengxian District, Shanghai 201400, China

Certificate of Analysis

Date of Testing: 2024-10-17 14:35:41
Date of Next Testing: 2028-10-16 14:35:41
Product Name: **Potassium phosphate monobasic**
CAS Number: 7778-77-0
Specifications & Purity: AR, ≥99.5%
Lot #: J2411233
SKU #: **P104075**
Version: **1**
Analysis #: **128349**

Parameter	Limit Values	Result
Iron(Fe)	0-0.001 (%)	0.00052 %
Sodium(Na)	0-0.02 (%)	0.01100 %
PH(5% in water,25℃)	4.2-4.5	4.35000
Total Nitrogen	0-0.001 (%)	0.00036 %
Sulfate(SO42-)	0-0.003 (%)	0.00140 %
Insoluble matter in H2O	0-0.002 (%)	0.00170 %
Loss on drying	0-0.2 (%)	0.12000 %
(As)Arsenic	0-0.0005 (%)	0.00029 %
Heavy metal (as Pb)	0-0.001 (%)	0.00047 %
Assay	99.5-100 (%)	99.99010 %
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