

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

Certificate of Analysis

Date of Testing: 2023-02-15 18:46:33
Date of Next Testing: 2027-02-14 18:46:33
Product Name: Potassium phosphate monobasic
CAS Number: 7778-77-0
Specifications & Purity: Analytical Reagent, 99.5%
Lot #: B2309019
SKU #: P104075
Analysis: 188771

Parameter	Limit Values	Result
Iron(Fe)	0-0.001 (%)	0.00050 %
Sodium(Na)	0-0.02 (%)	0.01300 %
PH(5% in water, 25°C)	4.2-4.5	4.20000
Total Nitrogen	0-0.001 (%)	0.00000 %
Sulfate(SO ₄ ²⁻)	0-0.003 (%)	0.00150 %
Insoluble matter in H ₂ O	0-0.002 (%)	0.00100 %
Loss on drying	0-0.2 (%)	0.06140 %
(As)Arsenic	0-0.0005 (%)	0.00000 %
Heavy metal (as Pb)	0-0.001 (%)	0.00000 %
Assay	99.5-100 (%)	99.75300 %
Chloride (Cl ⁻)	0-0.001 (%)	0.00000 %
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