

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

Certificate of Analysis

Date of Testing: 2024-01-19 17:10:28
Date of Next Testing: 2028-01-18 17:10:28
Product Name: Potassium phosphate monobasic
CAS Number: 7778-77-0
Specifications & Purity: Analytical Reagent, 99.5%
Lot #: A2418358
SKU #: P104075
Analysis: 316444

Parameter	Limit Values	Result
Iron(Fe)	0-0.001 (%)	0.00000 %
Sodium(Na)	0-0.02 (%)	0.01010 %
PH(5% in water, 25°C)	4.2-4.5	4.47400
Total Nitrogen	0-0.001 (%)	0.00000 %
Sulfate(SO ₄ ²⁻)	0-0.003 (%)	0.00000 %
Insoluble matter in H ₂ O	0-0.002 (%)	0.00000 %
Loss on drying	0-0.2 (%)	0.15430 %
(As)Arsenic	0-0.0005 (%)	0.00000 %
Heavy metal (as Pb)	0-0.001 (%)	0.00000 %
Assay	99.5-100 (%)	99.84000 %
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