

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

Certificate of Analysis

Date of Testing: 2022-05-12 14:53:00
Date of Next Testing: 2026-05-11 14:53:00
Product Name: **Potassium phosphate monobasic**
CAS Number: 7778-77-0
Specifications & Purity: Analytical Reagent, 99.5%
Lot #: E2209142
SKU #: **P104075**
Analysis: **090432**

Parameter	Limit Values	Result
Iron(Fe)	0-0.001 (%)	0.00039 %
Sodium(Na)	0-0.02 (%)	0.01200 %
PH(5% in water, 25°C)	4.2-4.5	4.40000
Total Nitrogen	0-0.001 (%)	0.00050 %
Sulfate(SO ₄ ²⁻)	0-0.003 (%)	0.00160 %
Insoluble matter in H ₂ O	0-0.002 (%)	0.00100 %
Loss on drying	0-0.2 (%)	0.15000 %
(As)Arsenic	0-0.0005 (%)	0.00024 %
Heavy metal (as Pb)	0-0.001 (%)	0.00038 %
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