

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

## Certificate of Analysis

Date of Testing: 2025-04-28 13:05:10  
Date of Next Testing: 2029-04-27 13:05:10  
Product Name: Potassium phosphate monobasic  
CAS Number: 7778-77-0  
Specifications & Purity: AR, ≥99.5%  
Lot #: C2531351  
SKU #: P104075  
Version: 1  
Analysis #: 484724

| Parameter               | Limit Values                                      | Result                                            |
|-------------------------|---------------------------------------------------|---------------------------------------------------|
| Iron(Fe)                | 0-0.001 (%)                                       | 0.00030 %                                         |
| Sodium(Na)              | 0-0.02 (%)                                        | 0.00200 %                                         |
| PH(5% in water,25°C)    | 4.2-4.5                                           | 4.40000                                           |
| Sulfate(SO42-)          | 0-0.003 (%)                                       | 0.00000 %                                         |
| Insoluble matter in H2O | 0-0.002 (%)                                       | 0.00000 %                                         |
| Loss on drying          | 0-0.2 (%)                                         | 0.17290 %                                         |
| (As)Arsenic             | 0-0.0005 (%)                                      | 0.00000 %                                         |
| Heavy metal (as Pb)     | 0-0.001 (%)                                       | 0.00040 %                                         |
| Chloride (Cl-)          | 0-0.001 (%)                                       | 0.00000 %                                         |
| Total Nitrogen          | 0-0.001 (%)                                       | 0.00100 %                                         |
| Assay                   | 99.5-100 (%)                                      | 99.84000 %                                        |
| 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                             |

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