

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

## Certificate of Analysis

Date of Testing: 2026-09-17 13:33:11  
Date of Next Testing: 2030-09-16 13:33:11  
Product Name: **Potassium phosphate monobasic**  
CAS Number: 7778-77-0  
Specifications & Purity: UltraPureChrom™, HPLC grade, ≥99.5%(T)  
Lot #: L2212170  
SKU #: **P113045**  
Version: **1**  
Analysis #: **774766**  
Storage Temperature: Room temperature

| Parameter                                                      | Limit Values                                            | Result                                                  |
|----------------------------------------------------------------|---------------------------------------------------------|---------------------------------------------------------|
| UV Absorbance 210nm(10 % in H2O)                               | 0-0.1                                                   | 0.02300                                                 |
| UV Absorbance 300nm(10 % in H2O)                               | 0-0.02                                                  | 0.00000                                                 |
| UV Absorbance 230nm(10 % in H2O)                               | 0-0.04                                                  | 0.00400                                                 |
| UV Absorbance 500nm(10 % in H2O)                               | 0-0.02                                                  | 0.00000                                                 |
| UV Absorbance 220nm(10 % in H2O)                               | 0-0.06                                                  | 0.01400                                                 |
| Purity(Neutralization titration)                               | 99.5-100.5 (%)                                          | 99.56000 %                                              |
| Appearance (P113045)                                           | Colorless or White or pale yellow<br>Powder or Crystals | Colorless or White or pale yellow<br>Powder or Crystals |
| Solubility in H2O , soluble0.1 g/mL at 25 °C, clear, colorless | pass                                                    | Pass                                                    |
| X-Ray Diffraction                                              | Conforms to Structure                                   | Conforms to Structure                                   |

