

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-09-16 16:56:10  
 Date of Next Testing: 2029-09-15 16:56:10  
 Product Name: **Potassium phosphate dibasic anhydrous**  
 CAS Number: 7758-11-4  
 Specifications & Purity: AR, ≥99%  
 Lot #: I2512435  
 SKU #: **P112214**  
 Version: **2**  
 Analysis #: **565616**  
 Storage Temperature: Desiccated

| Parameter                                                                          | Limit Values             | Result                   |
|------------------------------------------------------------------------------------|--------------------------|--------------------------|
| Purity(Neutralization titration)                                                   | 98.5-101.5 (%)           | 100.16 %                 |
| Loss on drying                                                                     | 0-1 (%)                  | 0.08 %                   |
| PH(5% in water)                                                                    | 8.5-9.6                  | 9.39                     |
| Appearance (P112214)                                                               | White Powder or Crystals | White Powder or Crystals |
| Solubility in H <sub>2</sub> O , Colorless, Clear to Very Slightly Hazy, 200 mg/ml | pass                     | Pass                     |
| X-Ray Diffraction                                                                  | Conforms to Structure    | Conforms to Structure    |



John Su  
 QA & QC Manager