

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-07-15 14:04:48  
Date of Next Testing: 2027-07-14 14:04:48  
Product Name: **Potassium phosphate dibasic**  
CAS Number: 16788-57-1  
Specifications & Purity: Analytical Reagent,99.0%  
Lot #: G2308467  
SKU #: **P112277**  
Analysis: **253638**

| Parameter               | Limit Values                                 | Result                                       |
|-------------------------|--|--|
| Chloride (Cl-)          | 0-0.002 (%)                                  | 0.00%  |
| Sulfate(SO42-)          | 0-0.01 (%)                                   | 0.00%  |
| Loss on drying          | 21-25 (%)                                    | 21.90%                                       |
| Sodium(Na)              | 0-0.05 (%)                                   | 0.00%  |
| Iron(Fe)                | 0-0.001 (%)                                  | 0.00%  |
| (As)Arsenic             | 0-0.0001 (%)                                 | 0.00%  |
| Insoluble matter in H2O | 0-0.01 (%)                                   | 0.00%  |
| Heavy metal (as Pb)     | 0-0.001 (%)                                  | 0.00%  |
| (NO3)Nitrate            | 0-0.001 (%)                                  | 0.00%  |
| Assay                   | 99-102.5 (%)                                 | 99.99%                                       |
| Magnesium(Mg)           | 0-0.001 (%)                                  | 0.00%  |
| Appearance (P112277)    | White to Off-White Powder or Solid or Chunks | White to Off-White Powder or Solid or Chunks |
| X-Ray Diffraction       | Conforms to Structure                        | Conforms to Structure                        |



John Su  
QA & QC Manager