

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-03-05 16:19:47  
Date of Next Testing: 2028-03-04 16:19:47  
Product Name: **Sodium phosphate dibasic**  
CAS Number: 7558-79-4  
Specifications & Purity: Analytical Reagent,99%  
Lot #: C2404320  
SKU #: **S112446**  
Analysis: **323661**

| Parameter                               | Limit Values                          | Result                                |
|---|---------------------------------------|---------------------------------------|
| Insoluble matter in H <sub>2</sub> O    | 0-0.01 (%)                            | 0.00 %                                |
| Chloride (Cl <sup>-</sup> )             | 0-10 (ppm)                            | 0.36 ppm                              |
| Iron(Fe)                                | 0-10 (ppm)                            | 0.00 ppm                              |
| Loss on drying                          | 0-1 (%)                               | 0.04 %                                |
| (As)Arsenic                             | 0-3 (ppm)                             | 0.00 ppm                              |
| Heavy metal (as Pb)                     | 0-10 (ppm)                            | 0.00 ppm                              |
| Sulfate(SO <sub>4</sub> <sup>2-</sup> ) | 0-50 (ppm)                            | 1.12 ppm                              |
| Purity(Titration by HCl)                | 99-101 (%)                            | 100.89 %                              |
| Appearance (S112446)                    | White to Off-White Powder or Granules | White to Off-White Powder or Granules |
| ICP:Confirms Na & P Components          | Confirmed                             | Confirmed                             |



John Su  
QA & QC Manager