

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-10-28 09:27:25  
 Date of Next Testing: 2028-10-27 09:27:25  
 Product Name: **Sodium phosphate dibasic, anhydrous**  
 CAS Number: 7558-79-4  
 Specifications & Purity: AR, ≥99%  
 Lot #: J2422792  
 SKU #: **S112446**  
 Version: **2**  
 Analysis #: **418838**  
 Storage Temperature: Room temperature

| Parameter                               | Limit Values                          | Result                                |
|-----------------------------------------|---------------------------------------|---------------------------------------|
| Insoluble matter in H <sub>2</sub> O    | 0-0.01 (%)                            | 0.00000 %                             |
| Chloride (Cl <sup>-</sup> )             | 0-10 (ppm)                            | 1.02000 ppm                           |
| Iron(Fe)                                | 0-10 (ppm)                            | 0.00000 ppm                           |
| Loss on drying                          | 0-1 (%)                               | 0.18000 %                             |
| (As)Arsenic                             | 0-3 (ppm)                             | 0.00000 ppm                           |
| Heavy metal (as Pb)                     | 0-10 (ppm)                            | 0.00000 ppm                           |
| Sulfate(SO <sub>4</sub> <sup>2-</sup> ) | 0-50 (ppm)                            | 1.30000 ppm                           |
| Purity(Titration by HCl)                | 99-101 (%)                            | 100.98000 %                           |
| 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