

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-04-13 09:40:37  
 Date of Next Testing: 2030-04-12 09:40:37  
 Product Name: **Sodium dihydrogen phosphate anhydrous**  
 CAS Number: 7558-80-7  
 Specifications & Purity: AR, ≥99%  
 Lot #: D2608216  
 SKU #: **S108339**  
 Version: **3**  
 Analysis #: **682657**  
 Storage Temperature: Room temperature, Desiccated, Cool

| Parameter                                   | Limit Values              | Result                    |
|---------------------------------------------|---------------------------|---------------------------|
| Sulfate(SO42-)                              | 0-0.015 (%)               | 0.00000 %                 |
| Loss on drying                              | 0-1 (%)                   | 0.44000 %                 |
| PH(5% in water, 25°C)                       | 4-4.5                     | 4.35000                   |
| Heavy metal (as Pb)                         | 0-0.01 (%)                | 0.00000 %                 |
| Insoluble matter in H2O                     | 0-0.01 (%)                | 0.00000 %                 |
| Chloride (Cl-)                              | 0-0.008 (%)               | 0.00000 %                 |
| Iron(Fe)                                    | 0-0.004 (%)               | 0.00000 %                 |
| (As)Arsenic                                 | 0-0.0003 (%)              | 0.00000 %                 |
| Purity (Titration by NaOH)(anhydrous)       | 99-100 (%)                | 99.63000 %                |
| Ammonia (NH4)                               | 0-0.06 (%)                | 0.06000 %                 |
| Appearance (S108339)                        | White to Off-White Powder | White to Off-White Powder |
| Solubility, Colorless Clear, 100 mg/ml, H2O | Pass                      | Pass                      |
| X-Ray Diffraction                           | Conforms to Structure     | Conforms to Structure     |



John Su  
QA & QC Manager