

ALADDIN SCIENTIFIC CORPORATION  
 14078 Meridian Parkway, Riverside, CA. 92518

### Certificate of Analysis

Date of Testing: 2022-11-19 09:06:01  
 Date of Next Testing: 2026-11-18 09:06:01  
 Product Name: **Sodium dihydngen phoshate anhydrous**  
 CAS Number: 7558-80-7  
 Specifications & Purity: Analytical Reagent,99.0%  
 Lot #: K2216733  
 SKU #: **S108339**  
**Analysis: 142020**  
 Storage Temperature: Desiccated

| Parameter                                 | Limit Values              | Result                    |
|---|---------------------------|---------------------------|
| Purity (Titration by NaOH)(anhydrous)     | 99-100 (%)                | 99.62 %                   |
| Sulfate(SO42-)                            | 0-0.015 (%)               | 0.00 %                    |
| PH(5% in water,25°C)                      | 4-4.5                     | 4.22                      |
| Ammonia (NH4)                             | 0-0.06 (%)                | 0.00 %                    |
| Heavy metal (as Pb)                       | 0-0.01 (%)                | 0.00 %                    |
| Insoluble matter in H2O                   | 0-0.01 (%)                | 0.00 %                    |
| Chloride (Cl-)                            | 0-0.008 (%)               | 0.00 %                    |
| Iron(Fe)                                  | 0-0.004 (%)               | 0.00 %                    |
| (As)Arsenic                               | 0-0.0003 (%)              | 0.00 %                    |
| Loss on drying                            | 0-1 (%)                   | 0.00 %                    |
| Appearance (S108339)                      | White to Off-White Powder | White to Off-White Powder |
| Solubility,Colorless Clear , 1 mg/ml, H2O | pass                      | Pass                      |
| X-Ray Diffraction                         | Conforms to Structure     | Conforms to Structure     |



John Su  
 QA & QC Manager