

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-11-21 10:29:39
Date of Next Testing: 2028-11-20 10:29:39
Product Name: **Sodium dihydngen phoshate anhydrous**
CAS Number: 7558-80-7
Specifications & Purity: AR, ≥99%
Lot #: K2414324
SKU #: **S108339**
Version: **3**
Analysis #: **429440**
Storage Temperature: Desiccated

| Parameter | Limit Values | Result |
|--|---------------------------|---------------------------|
| Purity (Titration by NaOH)(anhydrous) | 99-101 (%) | 100.13 % |
| Sulfate(SO42-) | 0-0.015 (%) | 0.00 % |
| Loss on drying | 0-1 (%) | 0.77 % |
| PH(5% in water,25°C) | 4-4.5 | 4.18 |
| 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 % |
| Ammonia (NH4) | 0-0.06 (%) | 0.06 % |
| 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