

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-08-01 10:18:44
Date of Next Testing: 2028-07-31 10:18:44
Product Name: **Sodium phosphate dibasic dodecahydrate**
CAS Number: 10039-32-4
Specifications & Purity: AR, ≥99%
Lot #: G2426465
SKU #: **S112619**
Version: **3**
Analysis #: **389549**
Storage Temperature: Protected from light, Cool

| Parameter | Limit Values | Result |
|---|----------------------------------|----------------------------------|
| Iron(Fe) | 0-5 (ppm) | 0.00 ppm |
| Insoluble matter in H2O | 0-0.005 (%) | 0.00 % |
| Potassium(K) | 0-100 (ppm) | 28.00 ppm |
| PH | 9.1-9.4 | 9.11 |
| (As)Arsenic | 0-5 (ppm) | 0.20 ppm |
| Heavy metal (as Pb) | 0-5 (ppm) | 0.20 ppm |
| Assay(T) | 99-102.5(%) | 100.29000 |
| Nitrogen compounds(as N) | 0-0.002 (%) | 0.00190 % |
| Sulfate(SO42-) | 0-0.005 (%) | 0.00 % |
| Chloride (Cl-) | 0-0.001 (%) | 0.00 % |
| Appearance (S112619) | colorless to white crystal solid | colorless to white crystal solid |
| Solubility in H2O , Colorless Clear,0.5 g to 10 ml of H2O | pass | Pass |
| X-Ray Diffraction | Conforms to Structure | Conforms to Structure |



John Su
QA & QC Manager