

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-01-17 13:41:55
Date of Next Testing: 2028-01-16 13:41:55
Product Name: **Sodium phosphate dibasic dodecahydrate**
CAS Number: 10039-32-4
Specifications & Purity: Analytical Reagent,99%
Lot #: A2412589
SKU #: **S112619**
Analysis: **213598**
Storage Temperature: Protected from light

| Parameter | Limit Values | Result |
|---|----------------------------------|----------------------------------|
| Iron(Fe) | 0-5 (ppm) | 0.00 ppm |
| Insoluble matter in H2O | 0-0.005 (%) | 0.00 % |
| PH | 9.1-9.4 | 9.29 |
| (As)Arsenic | 0-5 (ppm) | 0.00 ppm |
| Heavy metal (as Pb) | 0-5 (ppm) | 0.00 ppm |
| Assay(T) | 99-102.5(%) | 99.66000 |
| Nitrogen compounds(as N) | 0-0.002 (%) | 0.00000 % |
| Sulfate(SO42-) | 0-0.005 (%) | 0.00 % |
| Chloride (Cl-) | 0-0.001 (%) | 0.00 % |
| Potassium(K) | 0-100 (ppm) | 24.00 ppm |
| 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