

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-02-23 09:56:07  
Date of Next Testing: 2028-02-22 09:56:07  
Product Name: **Sodium phosphate dibasic dodecahydrate**  
CAS Number: 10039-32-4  
Specifications & Purity: Analytical Reagent,99%  
Lot #: B2419415  
SKU #: **S112619**  
**Analysis:** **318506**  
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	9.23
(As)Arsenic	0-5 (ppm)	0.00 ppm
Heavy metal (as Pb)	0-5 (ppm)	0.00 ppm
Assay(T)	99-102.5(%)	99.90000
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)	25.90 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