

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-08-19 10:43:52  
 Date of Next Testing: 2027-08-18 10:43:52  
 Product Name: **Sodium phosphate dibasic dodecahydrate**  
 CAS Number: 10039-32-4  
 Specifications & Purity: Analytical Reagent,99%  
 Lot #: H2315060  
 SKU #: **S112619**  
**Analysis:** **213598**  
 Storage Temperature: Protected from light

Parameter	Limit Values	Result
Iron(Fe)	0-5 (ppm)	0.00 ppm
Insoluble matter in H <sub>2</sub> O	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(SO <sub>4</sub> <sup>2-</sup> )	0-0.005 (%)	0.00 %
Chloride (Cl <sup>-</sup> )	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 H <sub>2</sub> O , Colorless Clear,0.5 g to 10 ml of H <sub>2</sub> O	pass	Pass
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager