

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-12-04 17:30:32  
Date of Next Testing: 2029-12-03 17:30:32  
Product Name: **Sodium phosphate dibasic dodecahydrate**  
CAS Number: 10039-32-4  
Specifications & Purity: AR, ≥99%  
Lot #: K2528285  
SKU #: **S112619**  
Version: **3**  
Analysis #: **599600**  
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)	40.00 ppm
pH	9.1-9.4	9.12
(As)Arsenic	0-5 (ppm)	0.00 ppm
Heavy metal (as Pb)	0-5 (ppm)	0.00 ppm
Assay(T)	99-102.5(%)	101.01000 %
Sulfate(SO42-)	0-0.005 (%)	0.00 %
Chloride (Cl-)	0-0.001 (%)	0.00 %
Nitrogen compounds(as N)	0-0.002 (%)	0.00200 %
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