

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing:	2023-03-27 11:49:24
Date of Next Testing:	2027-03-26 11:49:24
Product Name:	Sodium phosphate dibasic dodecahydrate
CAS Number:	10039-32-4
Specifications & Purity:	Analytical Reagent,99%
Lot #:	C2323635
SKU #	S112619
Analysis:	195163
Storage Temperature:	Protected from light

Parameter	Limit Values	Result
Iron(Fe)	0-5 (ppm)	1.40 ppm
Insoluble matter in H ₂ O	0-0.005 (%)	0.00 %
Potassium(K)	0-100 (ppm)	55.00 ppm
PH	9.1-9.4	9.14
(As)Arsenic	0-5 (ppm)	0.20 ppm
Heavy metal (as Pb)	0-5 (ppm)	0.20 ppm
Assay(T)	99-102.5(%)	99.30000
Nitrogen compounds(as N)	0-0.002 (%)	0.00000 %
Sulfate(SO ₄ ²⁻)	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 H ₂ O , Colorless Clear,0.5 g to 10 ml of H ₂ O	pass	Pass
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager