

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-09-22 16:18:25
Date of Next Testing: 2026-09-21 16:18:25
Product Name: **Sodium phosphate dibasic dodecahydrate**
CAS Number: 10039-32-4
Specifications & Purity: Analytical Reagent,99%
Lot #: I2220684
SKU #: **S112619**
Analysis: 131440
Storage Temperature: Protected from light

Parameter	Limit Values	Result
Iron(Fe)	0-5 (ppm)	0.00 ppm
Sulfate(SO42-)	0-100 (ppm)	26.60 ppm
Insoluble matter in H2O	0-0.005 (%)	0.00 %
Chloride (Cl-)	0-100 (ppm)	56.20 ppm
PH	9-9.3	9.07
(As)Arsenic	0-5 (ppm)	0.00 ppm
Assay(T)	99-102.5(%)	100.20000
Nitrogen compounds(as N)	0-0.002 (%)	0.00000 %
Potassium(K)	0-100 (ppm)	100.00 ppm
Heavy metal (as Pb)	0-5 (ppm)	5.00 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