

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-07-17 14:35:14

Date of Next Testing: 2029-07-16 14:35:14

Product Name: **Sodium phosphate dibasic dodecahydrate**

CAS Number: 10039-32-4

Specifications & Purity: GR, ≥99%

Lot #: G2510557

SKU #: **S112623**

Version: **1**

Analysis #: **527949**

Storage Temperature: Protected from light, Room temperature, Desiccated, Cool

Parameter	Limit Values	Result
Iron(Fe)	0-5 (ppm)	0.00000 ppm
(As)Arsenic	0-0.5 (ppm)	0.00000 ppm
Sulfate(SO42-)	0-50 (ppm)	0.00000 ppm
Assay	98.5-101.5 (%)	100.05000 %
Chloride (Cl-)	0-5 (ppm)	0.00000 ppm
pH	9-9.3	9.27000
Heavy metal (as Pb)	0-5 (ppm)	0.00000 ppm
Potassium(K)	0-50 (ppm)	50.00000 ppm
Insoluble matter in H2O	0-0.005 (%)	0.00000 %
Nitrogen compounds(as N)	0-0.001 (%)	0.00100 %
Appearance (S112623)	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