

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-04-08 17:57:01
 Date of Next Testing: 2030-04-07 17:57:01
 Product Name: **Sodium phosphate dibasic dodecahydrate**
 CAS Number: 10039-32-4
 Specifications & Purity: AR, ≥99%
 Lot #: D2602533
 SKU #: **S112619**
 Version: **3**
 Analysis #: **682809**
 Storage Temperature: Protected from light, Cool

Parameter	Limit Values	Result
Iron(Fe)	0-5 (ppm)	0.00000 ppm
Insoluble matter in H2O	0-0.005 (%)	0.00000 %
Potassium(K)	0-100 (ppm)	39.00000 ppm
pH	9.1-9.4	9.17000
(As)Arsenic	0-5 (ppm)	0.00000 ppm
Heavy metal (as Pb)	0-5 (ppm)	0.00000 ppm
Assay(T)	99-102.5(%)	99.31000 %
Nitrogen compounds(as N)	0-0.002 (%)	0.00010 %
Sulfate(SO42-)	0-0.005 (%)	0.00000 %
Chloride (Cl-)	0-0.001 (%)	0.00000 %
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