

Shanghai Aladdin Biochemical Technology Co., LTD
809 Chuhua Branch Road, Fengxian District, Shanghai 201400, China

Certificate of Analysis

Date of Testing: 2023-09-09 13:55:04
Date of Next Testing: 2027-09-08 13:55:04
Product Name: **Sodium phosphate dibasic dodecahydrate**
CAS Number: 10039-32-4
Specifications & Purity: GR, ≥99%
Lot #: I2307643
SKU #: **S112623**
Version: **1**
Analysis #: **273911**
Storage Temperature: Protected from light, Cool

Parameter	Limit Values	Result
Iron(Fe)	0-5 (ppm)	0.00000 ppm
Potassium(K)	0-50 (ppm)	9.35860 ppm
(As)Arsenic	0-0.5 (ppm)	0.00000 ppm
Insoluble matter in H2O	0-0.005 (%)	0.00000 %
Sulfate(SO42-)	0-50 (ppm)	0.00000 ppm
Assay	99-100 (%)	99.04000 %
Chloride (Cl-)	0-5 (ppm)	0.00000 ppm
PH	9-9.3	9.09400
Heavy metal (as Pb)	0-5 (ppm)	0.00000 ppm
Nitrogen compounds(as N)	0-0.001 (%)	0.00000 %
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