

## Certificate of Analysis

Date of Testing: 2024-08-28 16:02:40  
Date of Next Testing: 2028-08-27 16:02:40  
Product Name: **Sodium phosphate monobasic dihydrate**  
CAS Number: 13472-35-0  
Specifications & Purity: AR  
Lot #: H2420254  
SKU #: **S102313**  
Version: **0**  
Analysis #: **404942**

Parameter	Limit Values	Result
Copper(Cu)	0-50 (ppm)	0.00 ppm
PH	4-4.5	4.50
Purity (Titration by NaOH)	99-101 (%)	99.29%
Chloride (Cl-)	0-50 (ppm)	0.00 ppm
Potassium(K)	0-200 (ppm)	177.00 ppm
Calcium(Ca)	0-50 (ppm)	0.00 ppm
Nickel(Ni)	0-50 (ppm)	0.00 ppm
Sulfate(SO42-)	0-50 (ppm)	0.00 ppm
Zinc(Zn)	0-50 (ppm)	0.00 ppm
Iron(Fe)	0-50 (ppm)	0.00 ppm
Lead(Pb)	0-50 (ppm)	0.00 ppm
Appearance (S102313)	Colorless or White Crystals, May Contain Lumps	Colorless or White Crystals, May Contain Lumps
Solubility,Colorless and clear(5% in H2O)	pass	Pass
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



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ALADDIN SCIENTIFIC CORPORATION

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A handwritten signature in black ink that reads "John Su". The signature is written in a cursive, flowing style.

John Su  
QA & QC Manager