

## Certificate of Analysis

Date of Testing: 2023-09-05 11:12:46  
 Date of Next Testing: 2026-09-04 11:12:46  
 Product Name: **Sodium phosphate monobasic dihydrate**  
 CAS Number: 13472-35-0  
 Specifications & Purity: purum p.a., crystallized, ≥99.0% (T)  
 Lot #: H2330461  
 SKU #: **S431964**  
 Analysis: **256832**

Parameter	Limit Values	Result
Purity (Titration by NaOH)	99-101 (%)	100.63 %
PH	4-4.5	4.39
Calcium(Ca)	0-50 (ppm)	0.00 ppm
Cadmium(Cd)	0-50 (ppm)	0.00 ppm
Cobalt(Co)	0-50 (ppm)	0.00 ppm
Copper(Cu)	0-50 (ppm)	1.92 ppm
Iron(Fe)	0-50 (ppm)	0.00 ppm
Potassium(K)	0-100 (ppm)	58.17 ppm
Nickel(Ni)	0-50 (ppm)	0.00 ppm
Lead(Pb)	0-50 (ppm)	0.00 ppm
Zinc(Zn)	0-50 (ppm)	0.00 ppm
Total Sulfur as SO <sub>4</sub> (SO <sub>4</sub> )	0-50 (ppm)	0.00000 ppm
Chloride (Cl <sup>-</sup> )	0-50 (ppm)	0.00 ppm
Appearance(S431964)	Colorless or White Crystals	Colorless or White Crystals
Solubility,Colorless and clear(25°C,water 50mg/mL)	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".

John Su  
QA & QC Manager