

## Certificate of Analysis

Date of Testing: 2024-03-14 11:31:32  
Date of Next Testing: 2028-03-13 11:31:32  
Product Name: **Sodium phosphate monobasic dihydrate**  
CAS Number: 13472-35-0  
Specifications & Purity: Analytical Reagent  
Lot #: C2411048  
SKU #: **S102313**  
Analysis: **256365**

| Parameter                                      | Limit Values                                   | Result   |
|--|--|--|
| Copper(Cu)                                     | 0-50 (ppm)                                     | 0.00 ppm                                       |
| PH   | 4-4.5  | 4.24   |
| Purity (Titration by NaOH)                     | 99-101 (%)                                     | 99.37%   |
| Chloride (Cl-)                                 | 0-50 (ppm)                                     | 25.00 ppm                                      |
| Potassium(K)                                   | 0-200 (ppm)                                    | 157.00 ppm                                     |
| Calcium(Ca)                                    | 0-50 (ppm)                                     | 1.09 ppm                                       |
| Nickel(Ni)                                     | 0-50 (ppm)                                     | 0.00 ppm                                       |
| Sulfate(SO42-)                                 | 0-50 (ppm)                                     | 25.00 ppm                                      |
| Zinc(Zn)                                       | 0-50 (ppm)                                     | 0.00 ppm                                       |
| Iron(Fe)                                       | 0-50 (ppm)                                     | 3.16 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 pass H2O) |  | Pass   |
| X-Ray Diffraction                              | Conforms to Structure                          | Conforms to Structure                          |



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