

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-09-01 15:37:22  
 Date of Next Testing: 2029-08-31 15:37:22  
 Product Name: **Calcium phosphate monobasic monohydrate**  
 CAS Number: 10031-30-8  
 Specifications & Purity: AR, ≥92%  
 Lot #: H2529215  
 SKU #: **C100144**  
 Version: **3**  
 Analysis #: **560126**  
 Storage Temperature: Room temperature

| Parameter                | Limit Values                          | Result                                |
|--------------------------|---------------------------------------|---------------------------------------|
| Zinc(Zn)                 | 0-50 (ppm)                            | 0.00000 ppm                           |
| Copper(Cu)               | 0-50 (ppm)                            | 0.00000 ppm                           |
| Chloride (Cl-)           | 0-50 (ppm)                            | 2.51000 ppm                           |
| (Pb)Lead                 | 0-50 (ppm)                            | 0.00000 ppm                           |
| Sodium(Na)               | 0-200 (ppm)                           | 9.00000 ppm                           |
| Sulfate(SO42-)           | 0-1000 (ppm)                          | 10.22000 ppm                          |
| Cobalt(Co)               | 0-50 (ppm)                            | 0.00000 ppm                           |
| Purity Titration by EDTA | 92-110 (%)                            | 108.67000 %                           |
| Nickel(Ni)               | 0-50 (ppm)                            | 0.00000 ppm                           |
| Potassium(K)             | 0-100 (ppm)                           | 0.00000 ppm                           |
| Cadmium(Cd)              | 0-50 (ppm)                            | 0.00000 ppm                           |
| Loss on drying(60°C,3h)  | 0-1 (%)                               | 0.05000 %                             |
| Iron(Fe)                 | 0-50 (ppm)                            | 28.00000 ppm                          |
| Appearance (C100144)     | Colorless or White Powder or Crystals | Colorless or White Powder or Crystals |
| X-Ray Diffraction        | Conforms to Structure                 | Conforms to Structure                 |



QualityAssurance@aladdinsci.com

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A handwritten signature in black ink that reads "John Su".

John Su  
QA & QC Manager