

## Certificate of Analysis

Date of Testing: 2025-02-22 09:56:23

Date of Next Testing: 2029-02-21 09:56:23

Product Name: **Calcium phosphate monobasic monohydrate**

CAS Number: 10031-30-8

Specifications & Purity: AR, ≥92%

Lot #: B2514201

SKU #: **C100144**

Version: **3**

Analysis #: **460171**

Storage Temperature: Room temperature

| Parameter                | Limit Values                          | Result                                |
|--------------------------|---------------------------------------|---------------------------------------|
| Zinc(Zn)                 | 0-50 (ppm)                            | 0.00 ppm                              |
| Copper(Cu)               | 0-50 (ppm)                            | 0.00 ppm                              |
| Chloride (Cl-)           | 0-50 (ppm)                            | 1.51 ppm                              |
| (Pb)Lead                 | 0-50 (ppm)                            | 0.00 ppm                              |
| Sodium(Na)               | 0-200 (ppm)                           | 63.00 ppm                             |
| Sulfate(SO42-)           | 0-1000 (ppm)                          | 1.24 ppm                              |
| Cobalt(Co)               | 0-50 (ppm)                            | 0.00 ppm                              |
| Purity Titration by EDTA | 92-110 (%)                            | 107.79 %                              |
| Nickel(Ni)               | 0-50 (ppm)                            | 0.00 ppm                              |
| Potassium(K)             | 0-100 (ppm)                           | 6.50 ppm                              |
| Cadmium(Cd)              | 0-50 (ppm)                            | 0.00 ppm                              |
| Loss on drying(60°C,3h)  | 0-1 (%)                               | 0.07000 %                             |
| Iron(Fe)                 | 0-50 (ppm)                            | 50.00 ppm                             |
| Appearance (C100144)     | Colorless or White Powder or Crystals | Colorless or White Powder or Crystals |
| 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