

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-06-26 13:33:15  
 Date of Next Testing: 2028-06-25 13:33:15  
 Product Name: **Calcium chloride dihydrate**  
 CAS Number: 10035-04-8  
 Specifications & Purity: Ph.Eur., Suitable for Analysis, ACS, Premium pure  
 Lot #: F2525668  
 SKU #: **C431173**  
 Version: **1**  
 Analysis #: **518990**  
 Storage Temperature: Room temperature, Desiccated, Cool

| Parameter                                     | Limit Values          | Result                |
|-----------------------------------------------|-----------------------|-----------------------|
| Insoluble matter                              | 0-0.01 (%)            | 0.00000 %             |
| PH(5% in water, 25°C)                         | 4.5-8.5               | 6.90000               |
| Heavy metals(ACS)                             | ≤5 (ppm)              | 0.00000 ppm           |
| Aluminium(Al)                                 | ≤0.0001 (%)           | 0.00000 %             |
| Barium(Ba)                                    | 0-0.003 (%)           | 0.00000 %             |
| Copper(Cu)                                    | 0-0.0005 (%)          | 0.00000 %             |
| Iron(Fe)                                      | 0-0.0003 (%)          | 0.00000 %             |
| Potassium(K)                                  | 0-0.01 (%)            | 0.00200 %             |
| Magnesium(Mg)                                 | 0-0.005 (%)           | 0.00440 %             |
| Sodium(Na)                                    | 0-0.01 (%)            | 0.00530 %             |
| Strontium(Sr)                                 | 0-0.05 (%)            | 0.01100 %             |
| Oxidizing substances(NO3)                     | 0-0.003 (%)           | 0.00200 %             |
| Magnesium and alkali metals                   | ≤0.5 (%)              | 0.01200 %             |
| Ammonium (NH4)                                | 0-0.005 (%)           | 0.00500 %             |
| Assay (complexometric)                        | 99-102 (%)            | 99.98770 %            |
| Sulfate(SO42-)                                | 0-0.005 (%)           | 0.00000 %             |
| ICP Major Analysis Confirms Calcium Component | Confirmed             | Confirmed             |
| Acidity or alkalinity                         | pass                  | Pass                  |
| Appearance(C431173)                           | White Powder or solid | white powder or solid |



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

John Su  
QA & QC Manager