

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-04-11 17:11:22

Date of Next Testing: 2030-04-10 17:11:22

Product Name: **Calcium Sulfate Dihydrate**

CAS Number: 10101-41-4

Specifications & Purity: AR, ≥99%

Lot #: D2601278

SKU #: **C101878**

Version: **1**

Analysis #: **669792**

Storage Temperature: Room temperature, Argon charged

| Parameter                                                                  | Limit Values              | Result                    |
|----------------------------------------------------------------------------|---------------------------|---------------------------|
| Drying Loss(200°C,2h)                                                      | 18-22 (%)                 | 20.72000 %                |
| Sodium(Na)                                                                 | 0-0.02 (%)                | 0.00330 %                 |
| Magnesium(Mg)                                                              | 0-0.02 (%)                | 0.00110 %                 |
| Chloride (Cl-)                                                             | 0-0.005 (%)               | 0.00000 %                 |
| Iron(Fe)                                                                   | 0-0.001 (%)               | 0.00000 %                 |
| Strontium(Sr)                                                              | 0-0.05 (%)                | 0.03600 %                 |
| Heavy metal (as Pb)                                                        | 0-0.002 (%)               | 0.00000 %                 |
| Insoluble matter                                                           | 0-0.02 (%)                | 0.01990 %                 |
| Potassium(K)                                                               | 0-0.005 (%)               | 0.00000 %                 |
| Purity Titration by EDTA                                                   | 99-100 (%)                | 99.28000 %                |
| Appearance (C101878)                                                       | White to Off-White Powder | White to Off-White Powder |
| Solubility, Colorless, Clear(2g+85mL H <sub>2</sub> O and 15mL 6mol/L HCl) | pass                      | Pass                      |
| X-Ray Diffraction                                                          | Conforms to Structure     | Conforms to Structure     |



John Su  
QA & QC Manager