

Certificate of Analysis

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|--------------------------|-----------------------------------|
| Date of Testing: | 2024-05-08 15:54:50 |
| Date of Next Testing: | 2028-05-07 15:54:50 |
| Product Name: | Calcium chloride dihydrate |
| CAS Number: | 10035-04-8 |
| Specifications & Purity: | Analytical Reagent |
| Lot #: | E2406365 |
| SKU # | C108383 |
| Version | 0 |
| Analysis #: | 347003 |
| Storage Temperature: | Desiccated |

| Parameter | Limit Values | Result |
|--|--------------------------|---------------------------------------|
| Phosphate(PO ₄) | 0-0.002 (%) | 0.00 % |
| basicity(OH ⁻) | 0-0.004 (mmol/g) | 0.00 mmol/g |
| (NO ₃)Nitrate | 0-0.005 (%) | 0.00 % |
| Heavy metal (as Pb) | 0-0.0005 (%) | 0.00 % |
| Magnesium and alkali metal(With sulfate plan) | 0-0.5 (%) | 0.42 % |
| Iron(Fe) | 0-0.001 (%) | 0.00 % |
| Ammonia (NH ₄) | 0-0.005 (%) | 0.00 % |
| Assay | 99-103 (%) | 100.88 % |
| Insoluble matter and precipitate by ammonium hydroxide | 0-0.01 (%) | 0.01 % |
| Water by Karl Fischer | 23-25.5 (%) | 24.05 % |
| Appearance (C108383) | White Powder or Crystals | White Powder or Crystals and Granules |
| Barium(Ba) | passes test | Passes test |
| 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