

## Certificate of Analysis

Date of Testing: 2022-02-12 11:17:47

Date of Next Testing: 2026-02-11 11:17:47

Product Name: **Calcium nitrate tetrahydrate**

CAS Number: 13477-34-4

Specifications & Purity: Analytical Reagent,99%

Lot #: B2209578

SKU #: **C100072**

**Analysis: 072407**

Storage Temperature: Desiccated

| Parameter                           | Limit Values          | Result                |
|-------------------------------------|-----------------------|-----------------------|
| PH                                  | 4-6                   | 5.20                  |
| Ammonia (NH4)                       | 0-0.005 (%)           | 0.00 %                |
| Insoluble matter in H2O             | 0-0.003 (%)           | 0.00 %                |
| Heavy metal (as Pb)                 | 0-0.0005 (%)          | 0.00 %                |
| Phosphate(PO4)                      | 0-0.005 (%)           | 0.00 %                |
| Sulfate(SO42-)                      | 0-0.1 (%)             | 0.07 %                |
| Alkali metals and magnesium(as MgO) | 0-0.2 (%)             | 0.04 %                |
| Iron(Fe)                            | 0-0.0002 (ppm)        | 0.00 ppm              |
| Barium(Ba)                          | 0-0.005 (%)           | 0.00 %                |
| Chloride (Cl-)                      | 0-0.003 (%)           | 0.00 %                |
| Assay(Complexometric EDTA)          | 99-102.5 (%)          | 99.76 %               |
| X-Ray Diffraction                   | Conforms to Structure | Conforms to Structure |



John Su  
QA & QC Manager