



CERTIFICATE OF ANALYSIS

PRODUCT NAME : CALCIUM NITRATE TETRAHYDRATE LR

CAS No : 13477-34-4
Mol. Formula : $\text{Ca}(\text{NO}_3)_2 \cdot 4\text{H}_2\text{O}$
Mol. WT : 236.15
Date of analysis : 27/12/22

Product code : 13270
Batch No : MCR-27323
Mfd. : Dec. 2022
Exp. : Nov. 2027

| S. R | Test | Specification | Observation |
|------|----------------------------------|---|-----------------------------------|
| 1 | Description | Colourless deliquescent crystals or crystalline powder. | Colourless deliquescent crystals. |
| 2 | Assay | 98 % min | 98.67% |
| 3 | Melting point | about 42°C | 42.8°C |
| 4 | pH (5% Water) | 5 - 7.5 | 5.95 |
| 5 | Chloride(Cl) | 0.005% max | < 0.005% |
| 6 | Sulphate (SO₄) | 0.02 % max | < 0.02 % |
| 7 | Iron (Fe) | 0.001% max | < 0.001% |
| 8 | Lead (Pb) | 0.001% max | < 0.001% |

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]

**CHEMIST
(Sayali)**

[QC Incharge]

**HEAD-QUALITY ASSUARANCE
(G.G.Salian)**

Note: Computer generated image requires no sign.

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