

Technical Information

Calcium Nitrate Tetrahydrate
Cell Culture Tested

Product Code:TC1099

Product Information

Product Code	: TC1099
Product Name	: Calcium Nitrate Tetrahydrate, Cell Culture Tested
Molecular Formula	: $\text{Ca}(\text{NO}_3)_2 \cdot 4\text{H}_2\text{O}$
Molecular Weight	: 236.15
CAS No.	: 13477-34-4

Technical Specification

Appearance	: Colourless or white deliquescent crystals or granules or flakes or powder or Solid.
Solubility	: Soluble in water.
Minimum assay (Complexometric)	: 99.00%
pH (5% in water at 25°C)	: 6.00 - 8.00
Chloride (Cl)	: $\leq 0.005\%$
Iron (Fe)	: $\leq 0.001\%$
Sulfate (SO_4)	: $\leq 0.02\%$
Cell Culture Test	: Passes test.

GHS Safety Information

Hazard Statement (s)	: H272
Precautionary Statement (s)	: P220
Signal Word	: Warning
Hazard Pictogram(s)	

GHS03

Risk And Safety Information

WGK	: 1
RTECS	: EW3000000
Storage Temperature(°C)	: Store below 30°C

Transport Information

UN No	: 1454
Class	: 5.1
Packaging group	: 3
Marine Pollutant	: No
ADR/RID	: 1454 5.1 / PG 3
IMDG	: 1454 5.1 / PG 3
IATA	: 1454 5.1 / PG 3

**Animal Cell
Culture Tested**



Product Specification

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Disclaimer :

- User must ensure suitability of the product(s) in their application prior to use.
- The product conforms solely to the technical information provided in this booklet and to the best of knowledge research and development work carried at **CDH** is true and accurate.
- **Central Drug House Pvt. Ltd.** reserves the right to make changes to specifications and information related to the products at any time.
- Products are not intended for human or animal diagnostic or therapeutic use but for laboratory, research or further manufacturing of diagnostic reagents extra.
- Statements contained herein should not be considered as a warranty of any kind, expressed or implied, and no liability is accepted for infringement of any patents.
- Do not use the products if it fails to meet specifications for identity and performance parameters.

Replaced date 24-Nov-2025