

Technical Information

Calcium Citrate Tetrahydrate Plant Culture Tested

Product Code: PCT2552

Product Information

Product Code	: PCT2552
Product Name	: Calcium Citrate Tetrahydrate, Plant Culture Tested
Molecular Formula	: $C_{12}H_{10}Ca_3O_{14} \cdot 4H_2O$
Molecular Weight	: 570.49
CAS No.	: 5785-44-4

Technical Specification

Appearance	: A white powder or granular form.
Solubility	: Freely soluble in 3N HCl & in 2N HNO ₃
Assay (Ex Ca on dried subs.)	: 97.5 – 100.5%
Identification (As per FCC)	: Passes test.
Loss on drying (4 hr. at 150°C)	: 10.0 – 14.0%
Acid insolubles	: <= 0.20%
Fluoride (F)	: <= 0.003%
Heavy metals (as Pb)	: <= 0.002%
Arsenic (As)	: <=0.0003%
Lead (Pb)	: <= 0.001%
Plant Culture Tested	: Passes test.

Risk And Safety Information

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

Transport Information

Marine Pollutant	: No
ADR/RID	: Not Dangerous Goods
IMDG	: Not Dangerous Goods
IATA	: Not Dangerous Goods

Plant Culture
Tested



Product Specification

cdhfinechemical.com

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.