

## Technical Information

### Cholecalciferol Plant Culture Tested

**Product Code: PCT1216**

#### Product Information

Product Code	: PCT1216
Product Name	: Cholecalciferol, Plant Culture Tested
Synonym	: Vitamin D <sub>3</sub>
Molecular Formula	: C <sub>27</sub> H <sub>44</sub> O
Molecular Weight	: 384.64
CAS No.	: 67-97-0

#### Technical Specification

Appearance	: White to off-white crystals or powder.
Solubility	: Freely soluble in 96% ethanol.
Cultural response	: Cultures conditions - Incubation period (5wks), Relative humidity (60±2%), Temperature (25±2°C), Photoperiod Day: Night in hours (16:8)
Shoot culture	: No structural deformity observed, actively growing shoots, no toxicity to shoots
Callus culture	: No necrotic tissues, actively growing callus, no toxicity to callus
Specific rotation	: +105.00° to +112.00° (c = 0.5% in ethanol at 25°C)
Melting range	: 82 - 87°C
Minimum assay (HPLC)	: 97.00 %

#### GHS Safety Information

Hazard Statement(s)	: H301-H311-H330-H372
Precautionary Statement(s)	: P260-P280-P284-P301+P310-P310
Signal Word	: Danger
Hazard Pictogram(s)	



#### Risk And Safety Information

R-Phrase(s)	: 24/25-26-48/25
S-Phrase(s)	: 28-36/37-45
WGK	: 2
RTECS	: VS2900000
Storage Temperature(°C)	: Store at 2 - 8°C

#### Transport Information

UN No.	: 2811
Class	: 6.1
Packaging Group	: 2
Marine Pollutant	: No
ADR/RID	: 2811 6.1 /PG 2
IMDG	: 2811 6.1 /PG 2
IATA	: 2811 6.1 /PG 2

Plant 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.

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