

## Cholecalciferol, Plant Culture Tested

**PCT0216**


### Product Identifier

CAS No.	:	67-97-0
EC No.	:	200-673-2
EC Index No	:	603-180-00-4
Molecular Formula	:	C <sub>27</sub> H <sub>44</sub> O
Molecular Weight	:	384.64
Synonym	:	Vitamin D <sub>3</sub>
HS Code	:	2936 29 90
Storage	:	2 - 8°C
Shelf life	:	3 years

### Technical Specification

Appearance	:	White to off-white crystals or powder
Solubility	:	33.3 mg soluble in 1 mL of alcohol
FTIR	:	Matches with the standard pattern
Specific rotation	:	+105.00° to +112.00° (c = 0.5% in ethanol at 25°C)
Melting range	:	82 - 87°C
Assay (HPLC)	:	97.00 - 103.00%
Plant Tissue Culture Test	:	Passes

### Safety Information

Hazard Pictogram(s)	:	
Signal Word	:	Danger
Hazard Statement(s)	:	H300+H310+H330- H372
Precautionary Statement(s)	:	P260- P262- P280- P301 + P310- P304 + P340- P403 + P233
UN No.	:	2811
Class	:	6.1
Packing Group	:	II
RTECS	:	VS2900000
WGK	:	2