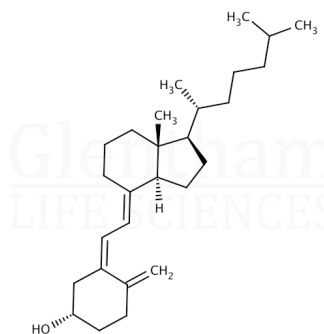


Certificate of Analysis

Product Name Cholecalciferol
Glentham Code GV0048
CAS Number 67-97-0
EINECS 200-673-2
MDL Number MFCD00078131
PubChem SID 310270176
Batch Number 220QKJ

Molecular Weight 384.65
Molecular Formula $C_{27}H_{44}O$
Storage Temp. +4°C



Property	Specification	Batch 220QKJ
Physical Description	White to almost white crystalline powder	White crystalline powder
Identification (IR)	To conform to standard	Conforms
Solubility (5% in ethanol)	Clear, colourless to faint yellow solution	Conforms
Specific Optical Rotation ($[\alpha]_{20/D}$)	+105.0 - +112.0 ° (c=0.5, ethanol)	+105.3°
Heavy Metals	≤ 20ppm	Conforms
Assay	97.0 - 103.0 %	99.3%

Specification Version v1.2
Manufacture Date 2024-08-17
Re-Test Date 2029-10-02

Glentham Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check www.glentham.com or contact us using the details above for the current version of this document.

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