

## **Certificate of Analysis**

 Product Name:
 Calcitriol

 Cat. No.:
 CS-0388

 CAS No.:
 32222-06-3

 Batch No.:
 17018

Chemical Name: 1,3-Cyclohexanediol, 4-methylene-5-[(2E)-2-[(1R,3aS,7aR)-octahydro-1-[(1R)-5-hydroxy-1,5-d

imethylhexyl]-7a-methyl-4H-inden-4-ylidene]ethylidene]-, (1R,3S,5Z)-

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{27}H_{44}O_3$ Molecular Weight: 416.63646

Storage: -20°C, protect from light, stored under nitrogen

**Chemical Structure:** 

OH OH

## **ANALYTICAL DATA**

Appearance: White to off-white (Solid)

1 H NMR Spectrum: Consistent with structure

**Purity (HPLC):** 98.96%

**Conclusion:** The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. For research use only.

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