



## Certificate of Analysis

|              |            |
|--------------|------------|
| Product Name | Vitamin D4 |
| Catalog No.  | V5284      |
| Batch No.    | V528401    |

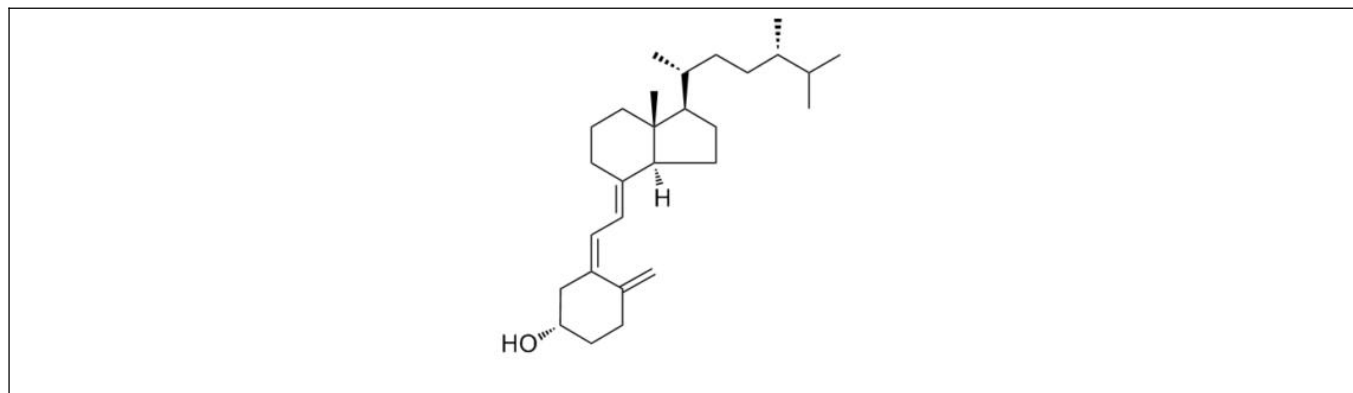
### 1. Physical and Chemical Properties

|                   |                                   |
|-------------------|-----------------------------------|
| Appearance        | Powder                            |
| Molecular Formula | C <sub>28</sub> H <sub>46</sub> O |
| Molecular Weight  | 398.66                            |
| Purity            | ≥98.0%                            |
| CAS No.           | 511-28-4                          |

### 2. Analytical Data

|               |                           |
|---------------|---------------------------|
| HPLC          | Indicates ≥98.0% purity   |
| NMR           | Consistent with structure |
| Mass Spectrum | Consistent with structure |

### 3. Structure



### 4. Storage Condition

|                            |                              |
|----------------------------|------------------------------|
| Short term storage (weeks) | 0 - 4 °C under dry condition |
| Long term storage (months) | -20 °C under dry condition   |

Products are for research use only • Not for human or veterinary use