

Certificate of Analysis

| | |
|---------------------|------------------------------|
| Product Name | Cholecalciferol (Vitamin D3) |
| Catalog No. | V5283 |
| Batch No. | V528301 |

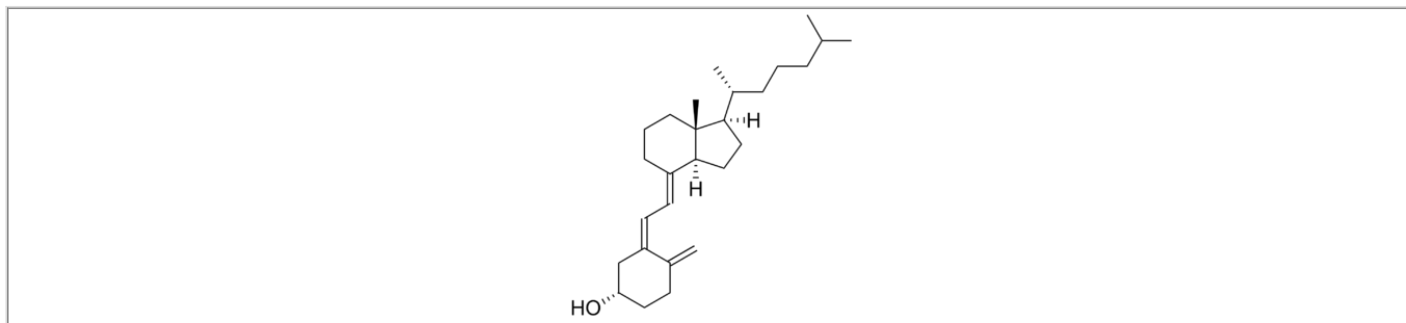
1. Physical and Chemical Properties

| | |
|--------------------------|-----------------------------------|
| Appearance | Powder |
| Molecular Formula | C ₂₇ H ₄₄ O |
| Molecular Weight | 384.6377 |
| Purity | ≥98% |
| CAS No. | 67-97-0 |
| Production Date | |
| Retest Date | 2029-02-18 |

2. Analytical Data

| Test Item | Specification | Result |
|-----------|---------------------------|----------|
| HPLC | ≥98% | ≥98% |
| NMR | Consistent with Structure | Confirms |

3. Structure



4. Storage Condition

| | | | |
|---|------------|-------|----------|
| Storage Condition | Powder | -20°C | 3 years |
| | | 4°C | 2 years |
| | In solvent | -80°C | 6 months |
| | | -20°C | 1 month |
| <p>Note: (1). This product requires protection from light (avoid light exposure) during transportation and storage. (2). Please store this product in a sealed and protected environment (e.g. under nitrogen), avoid exposure to moisture. (3). This product is not stable in solution, please use freshly prepared working solution for optimal results.</p> | | | |

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