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# Certificate of Analysis

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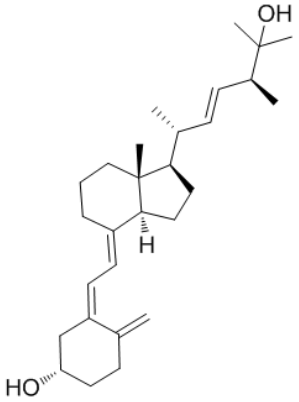
**Product Name** : Ercalcidiol
**Cat. No.** : PC-45807
**CAS No.** : 21343-40-8
**Batch No.** : PC-4580701
**Chemical Name** : Cyclohexanol, 4-methylene-3-[(2E)-2-[(1R,3aS,7aR)-octahydro-1-[(1R,2E,4S)-5-hydroxy-1,4,5-trimethyl-2-hexenyl]-7a-methyl-4H-inden-4-ylidene]ethylidene]-, (1S,3Z)-

## PHYSICAL AND CHEMICAL PROPERTIES

**Molecular Weight** : 412.6478
**Molecular Formula** : $C_{28}H_{44}O_2$
**Storage** :

| | | |
|---|---|---|
| Powder | -20°C | 3 years |
| | 4°C | 2 years |
| In solvent | -80°C | 6 months |
| | -20°C | 1 month |

**Chemical Structure** :




## ANALYTICAL DATA

**Appearance** : Solid powder
**$^1$H NMR Spectrum** : Consistent with
**HPLC** : Consistent with
**NP** : Consistent with
**Purity (HPLC)** : >98%
**Conclusion** : The product has been tested and complies with the given specifications.

**Caution: Product has not been fully validated for medical applications. Lab Use Only!**

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