



# Certificate of analysis

Product name: **Calcifediol**

Cas number: 19356-17-3

Molecular Formula: C<sub>27</sub>H<sub>44</sub>O<sub>2</sub>

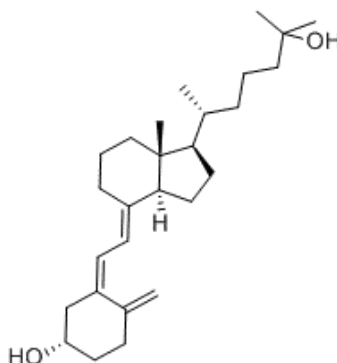
Molecular Weight: 400.64

Date of production: Nov. 25, 2020

Batch NO: 2020125

Exp Date: Nov. 24, 2022

Chemical structure:



Items	Specifications	Results
Appearance	White to off white crystalline power	Complies
IDENTIFYCATION	The IR spectrum obtained is in concordance with the reference standard.	Complies
	The principal peak in chromatogram obtained with the test solution is similar in retention time and size to the principal peak in chromatogram obtained with reference solution.	Complies
Related substances	Any single unspecified impurities ( $\leq 0.1\%$ MAX)	N.D
	Total of impurities ( $\leq 1.0\%$ )	0.8%
Assay	97.0%-102.0%	99.2 %

**Conclusion: It complies with EP8.0 Standard.**

Analyst: Zhao

Checker: Liu

Q.C Director. Fang F