Certificate Of Analysis

Analysis Date: 12-02-2025 **Re-test Date:** 12-02-2028

CALCIFEDIOL IMPURITY 1

Identification

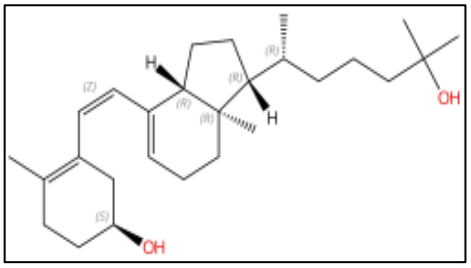
Chemical Name : (S)-3-((Z)-2-((1R,3aR,7aR)-1-((R)-6-Hydroxy-6-methylheptan-2-yl)-7a-methyl-2,3,3a,6,7,7a-hexahydro-1H-inden-4-yl)vinyl)-4-methylcyclohex-3-en-1-ol

CAT No : **ALL-CAL-7188**

CAS No : **23357-18-8**

Molecular Formula : **C27H44O2**

Molecular Weight : **400.6**



Analytical Information

Batch Code	: **ALL-CAL-7188**	**HPLC Purity**	: 98.07%
Solubility	: METHANOL	**Potency**	: 96.02%
Appearance of Product	: Off White Solid	**Mass**	: Confirm
Long Term Storage	: 2-8 ^{0}C	**IR Analysis**	: Confirm
Weight Content By TGA	: 1.453%	**1HNMR**	: Confirm
Residue Of Ignition	: 0.631%		

Additional Information

%Potency = [100 - (Inorganic Impurities % + Water %) × Chromatographic Purity%]/100 =

[100 – (1.453+0.631 × 98.07%]/100 = 96.02%

	Department	Name	Signature
Prepared and Reviewed by	Analytical	Mr. Swapnil Kausatkar Jr. Executive	
Approved By	QA&QC	Dr. Ashish Keche Director QA&QC	

Attachment : HPLC, Mass, 1H NMR, IR, TGA

Shipping Condition : All Product are stable to be shipped at room temperature, unless otherwise specified

Corporate Office
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