Certificate Of Analysis

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

(+)-CALANOLIDE A

Identification

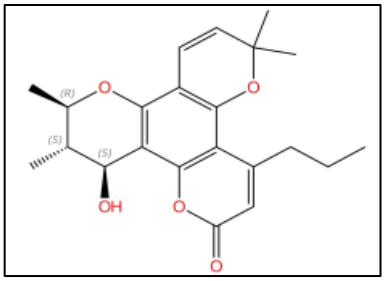
Chemical Name : (10R,11S,12S)-12-Hydroxy-6,6,10,11-tetramethyl-4-propyl-11,12-dihydro-2H,6H,10H-dipyrano[2,3-f:2',3'-h]chromen-2-one

CAT No : **ALL-CAL-2324**

CAS No : **142632-32-4**

Molecular Formula : **C22H26O5**

Molecular Weight : **370.5**



Analytical Information

Batch Code	: **ALL-CAL-2324**	**HPLC Purity**	: 98.02%
Solubility	: METHANOL	**Potency**	: 95.66%
Appearance of Product	: Off White Solid	**Mass**	: Confirm
Long Term Storage	: 2-8 ^{0}C	**IR Analysis**	: Confirm
Weight Content By TGA	: 1.694 %	**1HNMR**	: Confirm
Residue Of Ignition	: 0.711%		

Additional Information

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

[100 – (1.694+0.711 × 98.02%]/100 = 95.66%

	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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