Certificate Of Analysis

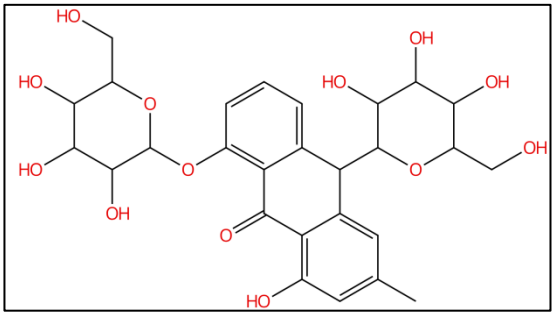
Analysis Date: 22-03-2025 **Re-test Date:** 22-03-2028

CASCAROSIDE C

Identification

Chemical Name : (S)-1-Hydroxy-3-methyl-10-((2S,3R,4S,5S,6R)-3,4,5-trihydroxy-6-(hydroxymethyl)tetrahydro-2H-pyran-2-yl)-8-(((2S,3R,4S,5S,6R)-3,4,5-trihydroxy-6-(hydroxymethyl)tetrahydro-2H-pyran-2-yl)oxy)anthracen-9(10H)-one

CAT No : ALL-CAS-3099



CAS No : 53823-09-9

Molecular Formula : C27H32O13

Molecular Weight : 564.5

Analytical Information

Batch Code	: ALL-CAS-3099	**HPLC Purity**	: 98.01%
Solubility	: METHANOL	**Potency**	: 95.83%
Appearance of Product	: Off White Solid	**Mass**	: Confirm
Long Term Storage	: 2-8^{0}C	**IR Analysis**	: Confirm
Weight Loss By TGA	: 1.342%	**1HNMR**	: Confirm
Residue Of Ignition	: 0.876%		

Additional Information

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

[100 – (1.342+ 0.876× 98.01]/100= 95.83%

Recommendation : Released

	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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