Certificate Of Analysis

Analysis Date: 04-03-2025 **Re-test Date:** 04-03-2028

TRANS-CARBOPROST (USP)

Identification

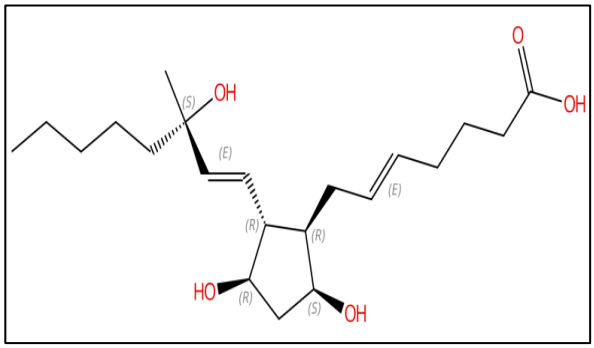
Chemical Name : (E)-7-[(1R,2R,3R,5S)-3,5-Dihydroxy-2-[(E)-(3S)-3-hydroxy-3-methyloct-1-enyl]cyclopentyl]-5-heptenoic acid (as per USP)

CAT No : ALL-CAR-8298

CAS No : 76498-29-8

Molecular Formula : C21H36O5

Molecular Weight : 368.5



Analytical Information

Batch Code	: ALL-CAR-8298	**HPLC Purity**	: 98.02%
Solubility	: METHANOL	**Potency**	: 95.75%
Appearance of Product	: Off White Solid	**Mass**	: Confirm
Long Term Storage	: 2-8^{0}C	**IR Analysis**	: Confirm
Weight Loss By TGA	: 1.479 %	**1HNMR**	: Confirm
Residue Of Ignition	: 0.829 %		

Additional Information

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

[100 – (1.479+ 0.829× 98.02]/100= 95.75%

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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