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CERTIFICATE OF ANALYSIS

Analysis Date: Oct 2025

Re-test Date: Sep 2026

Product Name: 15(R)-Carboprost

Identification:

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

Synonyms : 15-Epicarboprost (USP)

CAS Number : 35864-81-4

CAT Number : CP-C65001

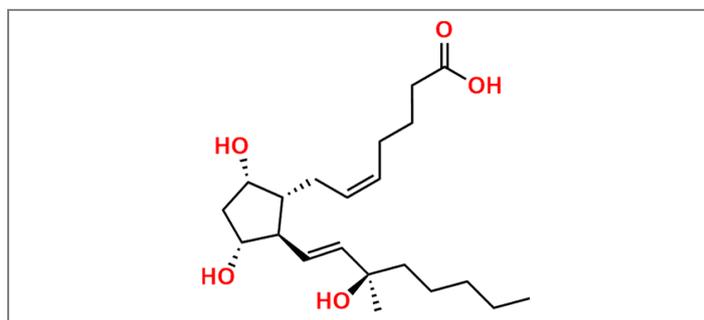
Molecular Formula : C₂₁H₃₆O₅

Molecular Weight : 368.51

Batch Number : CP-CAR-15-1025

Storage Condition : Tightly closed, Inert atmosphere at -20° C

Shipping condition : At low temperature with dry ice and ice pack gel



Analytical Information:

Sr. No.	Test	Result
1)	Description	Colorless Gel
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	97.70%
5)	¹ H NMR	Confirm to structure
6)	¹³ C NMR	Confirm to Structure
7)	IR	Confirm to Structure



Prepared and Reviewed By

Ms Priyanka Salunkhe
(Quality Control)

Approved By

Ms Rohini Gagare
(Quality Assurance)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.