CERTIFICATE OF ANALYSIS

(Certificate No. KMP181054-02)

Release Date: 17/05/2025 **Re-test Date:** 16/05/2028

Progesterone EP Impurity C

Identification

Chemical Name :
(8S,9S,10R,13S,14S,17S)-17-((R)-1-hydroxyethyl)-10,13-dimethyl-1,2,6,7,8,9,10,11,12,13,14,15,16,17-tetradecahydro-3H-cyclopenta[a]phenanthren-3-one

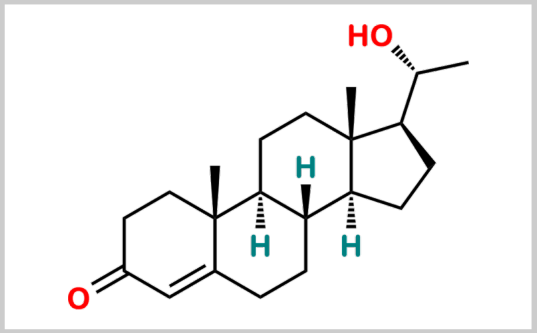
Alt. Name : 20(R)-Hydroxy Progesterone

CAT No. : KMP181054

CAS No. : 145-15-3

Molecular Formula : C21H32O2

Molecular Weight : 316.4



Analytical Information

Batch No.	: P181054-102-017	**Solubility**	: Methanol
Description	: White Solid	**Mass**	: Confirm
HPLC Purity	: 98.95 %	**IR**	: Confirm
Weight Loss By TGA	: 0.79 %	**1H NMR**	: Confirm
% Potency	: 98.17 %		

Additional Information

Long Term Storage : Store at 2-8 deg. C for long term storage

Shipping Condition : Product is stable to be Shipped at Room Temperature

% Potency = [100 - 0.79(Weight Loss By TGA)] x [98.95(HPLC Purity)]/100 = 98.17 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		17/05/2025
Reviewed & Approved By	Quality Control	Jatin Patel		17/05/2025

Attachments : COA, HPLC, MASS, 1HNMR, IR and TGA