CERTIFICATE OF ANALYSIS

(Certificate No. KMP164027-02)

Release Date: 19/09/2026 **Re-test Date:** 18/09/2029

Prednisolone

Identification

Chemical Name :
11β,17,21-Trihydroxypregna-1,4-diene-3,20-dione (as per EP & USP)

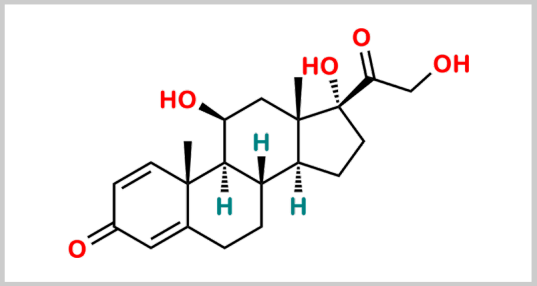
Alt. Name : Δ1-Dehydrohydrocortisone

CAT No. : KMP164027

CAS No. : 50-24-8

Molecular Formula : C21H28O5

Molecular Weight : 360.5



Analytical Information

Batch No.	: P164027-136-203	**Solubility**	: Acetonitrile
Description	: White Solid	**Mass**	: Confirm
HPLC Purity	: 99.88 %	**IR**	: Confirm
Weight Loss By TGA	: 0.67 %	**1H NMR**	: Confirm
% Potency	: 99.21 %	**13C NMR**	: Confirm

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 - 0.67(Weight Loss By TGA)] x [99.88(HPLC Purity)]/100 = 99.21 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		19/09/2026
Reviewed & Approved By	Quality Control	Jatin Patel		19/09/2026

Attachments : COA, HPLC, MASS, 1HNMR,13C NMR, IR and TGA