

CERTIFICATE OF ANALYSIS

(Certificate No. KMP164027-01)

Release Date: 29/06/2026

Re-test Date: 28/06/2029

Prednisolone

Identification

Chemical Name :

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

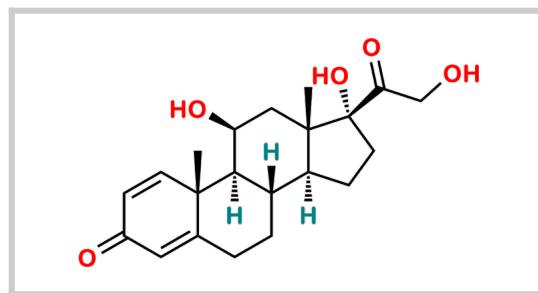
Alt. Name : Δ 1-Dehydrohydrocortisone

CAT No. : KMP164027

CAS No. : 50-24-8

Molecular Formula : C₂₁H₂₈O₅

Molecular Weight : 360.5



Analytical Information

Batch No. : P164027-136-059

Description : White Solid

HPLC Purity : 98.40 %

Weight Loss By TGA : 0.35 %

% Potency : 98.06 %

Solubility : ACN : Water

Mass : Confirm

IR : Confirm

¹H 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 - 0.35(Weight Loss By TGA)] x [98.40(HPLC Purity)]/100 = 98.06 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		29/06/2026
Reviewed & Approved By	Quality Control	Jatin Patel		29/06/2026

Attachments : COA, HPLC, MASS, ¹H NMR, IR and TGA