CERTIFICATE OF ANALYSIS

(Certificate No. KMD074020-02)

Release Date: 12/10/2026 **Re-test Date:** 11/10/2029

Dexamethasone

Identification

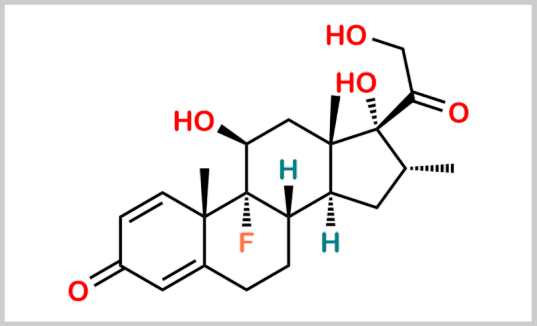
Chemical Name :
9-Fluoro-11β,17,21-trihydroxy-16α-methylpregna-1,4-diene-3,20-dione (as per EP & USP)

CAT No. : KMD074020

CAS No. : 50-02-2

Molecular Formula : C22H29FO5

Molecular Weight : 392.5



Analytical Information

Batch No.	: D074020-136-258	**Solubility**	: ACN : Water (1:1)
Description	: White Soild	**Mass**	: Confirm
HPLC Purity	: 99.87 %	**IR**	: Confirm
Weight Loss By TGA	: 0.84 %	**1H NMR**	: Confirm
% Potency	: 99.03 %	**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 - 0.84(Weight Loss By TGA)] x [99.87(HPLC Purity)]/100 = 99.03 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		12/10/2026
Reviewed & Approved By	Quality Control	Jatin Patel		12/10/2026

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