CERTIFICATE OF ANALYSIS

(Certificate No. KMD074040-01)

Release Date: 06/10/2025 **Re-test Date:** 05/10/2028

Vamorolone 8-DM

Identification

Chemical Name :
9,11β-epoxy-17,21-dihydroxy-16α-methyl-9β-pregna-1,4-diene-3,20-dione (as per EP)

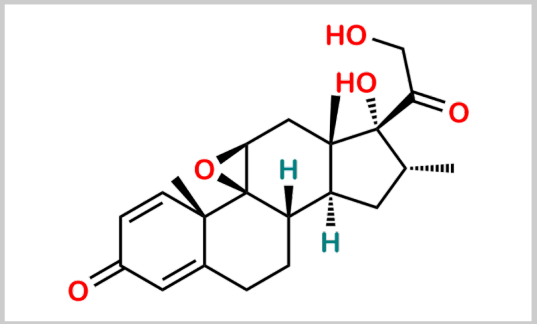
Alt. Name : Dexamethasone 9,11-Epoxide

CAT No. : KMD074040

CAS No. : 24916-90-3

Molecular Formula : C22H28O5

Molecular Weight : 372.5



Analytical Information

Batch No.	: RM8-DMWS/001	**Solubility**	: Methanol
Description	: White Solid	**Mass**	: Confirm
HPLC Purity	: 98.43 %	**IR**	: Confirm
Weight Loss By TGA	: 0.36 %	**1H NMR**	: Confirm
% Potency	: 98.08 %	**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 - 0.36(Weight Loss By TGA)] x [98.43(HPLC Purity)]/100 = 98.08 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Sonal Parekh		28/10/2025
Reviewed & Approved By	Quality Control	Viraj Akabri		28/10/2025

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