CERTIFICATE OF ANALYSIS

(Certificate No. KMD074040-01)

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

Vamorolone 8-DM

Identification

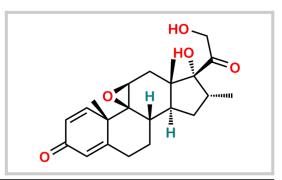
Chemical Name:

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

Alt. Name : Dexamethasone 9,11-Epoxide

: C22H28O5

Molecular Weight : 372.5



Analytical Information

Molecular Formula

Batch No. : RM8-DMWS/001 **Solubility** : Methanol : Confirm **Description** : White Solid Mass **HPLC Purity** : 98.43 % : Confirm IR 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