

CERTIFICATE OF ANALYSIS

(Certificate No. KMV020001-01)

Release Date: 04/11/2025

Re-test Date: 03/11/2028

Vamrolone

Identification

Chemical Name :

(8S,10S,13S,14S,16R,17R)-17-hydroxy-17-(2-hydroxyacetyl)-10,13,16-trimethyl-6,7,8,10,12,13,14,15,16,17-decahydro-3H-cyclopenta[a]phenanthren-3-one

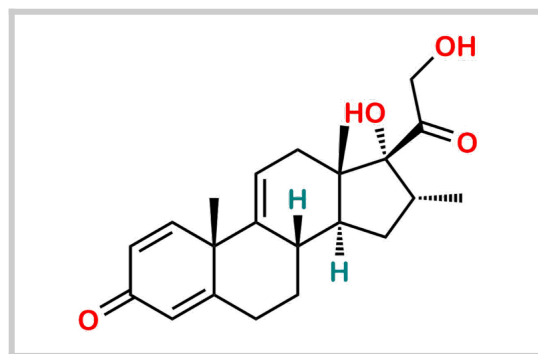
Alt. Name : Dexamethasone EP Impurity E

CAT No. : KMV020001

CAS No. : 13209-41-1

Molecular Formula : C₂₂H₂₈O₄

Molecular Weight : 356.5



Analytical Information

Batch No. : FPVMLWS/001

Description : Light Yellow Solid

HPLC Purity : 99.72 %

Weight Loss By TGA : 0.14 %

% Potency : 99.58 %

Solubility : ACN

Mass : Confirm

¹H NMR : Confirm

¹³C NMR : Confirm

DCS : Confirm

XRD : Confrim

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 - 0.14(Weight Loss By TGA)] x [99.72(HPLC Purity)]/100 = 99.58 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Sonal Parekh		04/11/2025
Reviewed & Approved By	Quality Control	Viraj Akabri		04/11/2025

Attachments : COA, HPLC, MASS, ¹HNMR, ¹³CNMR,TGA,XRD & DSC