CERTIFICATE OF ANALYSIS

(Certificate No. KMH002001-04)

Release Date: 24/02/2026 **Re-test Date:** 23/02/2029

HYDROCORTISONE DIHYDROXY IMPURITY

Identification

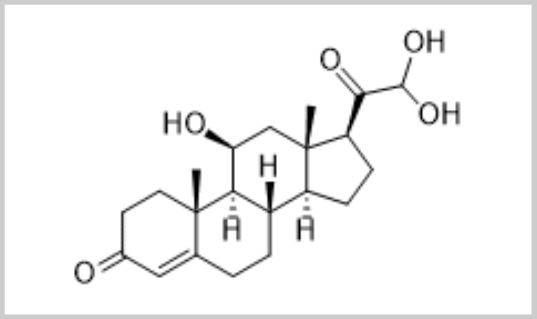
Chemical Name :
(8S,9S,10R,11S,13S,14S,17S)-17-(2,2-dihydroxyacetyl)-11-hydroxy-10,13-dimethyl-6,7,8,9,10,11,12,13,14,15,16,17-dodecahydro-1H-cyclopenta[a]phenanthren-3(2H)-one

CAT No. : KMH002001

CAS No. : 1960421-03-7

Molecular Formula : C21H30O5

Molecular Weight : 362.46



Analytical Information

Batch No.	: H002001-114-155	**Solubility**	: ACN : Water
Description	: Off White Solid	**Mass**	: Confirm
HPLC Purity	: 98.18 %	**IR**	: Confirm
Weight Loss By TGA	: 4.65 %	**1H NMR**	: Confirm
% Potency	: 93.61 %	**13C NMR**	: Confirm

Additional Information

Long Term Storage : Store at -20 deg. C for long term storage, Product is hygroscopic in nature so protect from moisture and light

Shipping Condition : Product is stable to be shipped at room temperature

% Potency = [100 - 4.65(Weight Loss By TGA)] x [98.18(HPLC Purity)]/100 = 93.61 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		25/02/2026
Reviewed & Approved By	Quality Control	Jatin Patel		25/02/2026

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