

# CERTIFICATE OF ANALYSIS

(Certificate No. KMA041025-01)

Release Date: 12/02/2025

Re-test Date: 11/02/2028

## Abiraterone acetate Keto impurity

### Identification

**Chemical Name :**

(3S,8R,9S,10R,13S,14S)-3-hydroxy-10,13-dimethyl-1,2,3,4,7,8,9,10,11,12,13,14,15,16-tetradecahydro-17H-cyclopenta[a]phenanthren-17-one ; (3B)-3-Hydroxy-androsta-5- ene-17-one (as per USP)

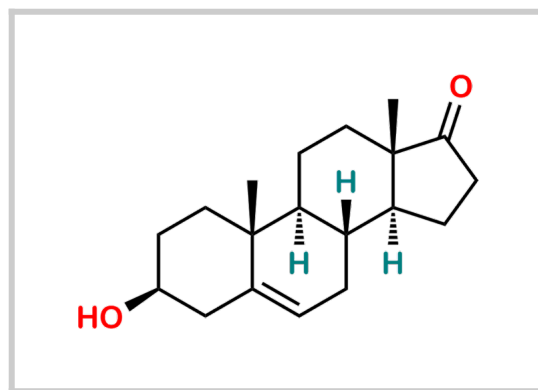
**Alt. Name** : trans-Dehydroandrosterone ;  
Dehydro Epiandrosterone ;17-  
Hormoforin ; Androstenolone Dehydro  
Epiandrosterone ; Prasterone

**CAT No.** : KMA041025

**CAS No.** : 53-43-0

**Molecular Formula** : C19H28O2

**Molecular Weight** : 288.4



### Analytical Information

**Batch No.** : A041025-091-221

**Description** : Off white solid

**HPLC Purity** : NLT 95.1 %

**Weight Loss By TGA** : NLT 0.1 %

**% Potency** : 95 %

**Solubility** : Acetonitrile

**Mass** : Confirm

**IR** : Confirm

**<sup>1</sup>H 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 - 0.1(Weight Loss By TGA)] x [95.1(HPLC Purity)]/100 = 95 %

**Recommendation** : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		12/02/2025
Reviewed & Approved By	Quality Control	Jatin Patel		12/02/2025

**Attachments** : COA, HPLC, MASS, <sup>1</sup>HNMR, IR and TGA