

# CERTIFICATE OF ANALYSIS

(Certificate No. KMF048009-01)

Release Date: 20/06/2026

Re-test Date: 19/06/2029

## Finasteride Impurity B

### Identification

**Chemical Name :**

3-Oxo-4-aza-5 $\alpha$ -androst-1-ene-17 $\beta$ -carboxylic acid methyl ester ;

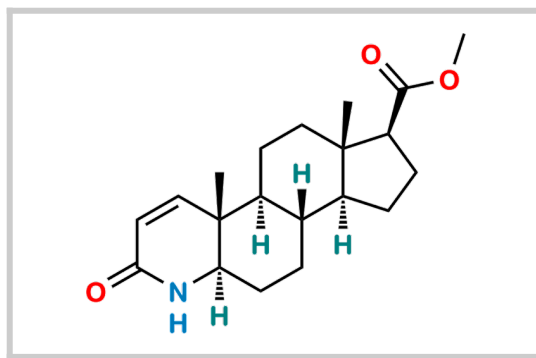
**Alt. Name** : Finasteride Methyl Ester Analog ;  
Dutasteride Methyl Ester Analog ;

**CAT No.** : KMF048009

**CAS No.** : 103335-41-7

**Molecular Formula** : C<sub>20</sub>H<sub>29</sub>NO<sub>3</sub>

**Molecular Weight** : 331.5



### Analytical Information

**Batch No.** : F048009-136-043

**Description** : White Soild

**HPLC Purity** : 99.42 %

**Weight Loss By TGA** : 0.07 %

**% Potency** : 99.35 %

**Solubility** : ACN : WATER (1 : 1)

**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 - 0.07(Weight Loss By TGA)] x [99.42(HPLC Purity)]/100 = 99.35 %

**Recommendation** : Released

	Department	Name	Signature	Date
<b>Prepared By</b>	Analytical	Jignesh Patel		20/06/2026
<b>Reviewed &amp; Approved By</b>	Quality Control	Jatin Patel		20/06/2026

**Attachments** : COA, HPLC, MASS, 1HNMR, IR and TGA