

# CERTIFICATE OF ANALYSIS

(Certificate No. KMM141007-)

Release Date: 01/08/2025

Re-test Date: 31/07/2028

## Minoxidil Impurity E

### Identification

**Chemical Name :**

6-(piperidin-1-yl)pyrimidine-2,4-diamine

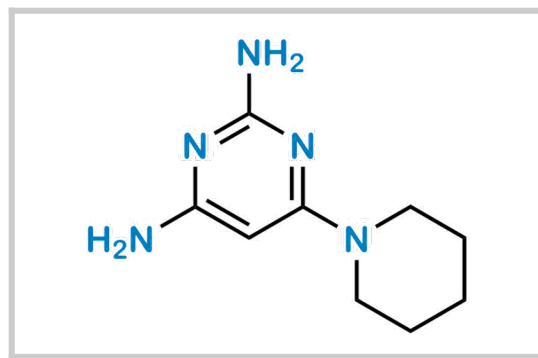
**Alt. Name** : Deoxy Minoxidil

**CAT No.** : KMM141007

**CAS No.** : 24867-26-3

**Molecular Formula** : C<sub>9</sub>H<sub>15</sub>N<sub>5</sub>

**Molecular Weight** : 193.3



### Analytical Information

**Batch No.** : M141007-102-193

**Solubility** : Methanol

**Description** : Creamish Solid

**Mass** : Confirm

**HPLC Purity** : 99.93 %

**IR** : Confirm

**Weight Loss By TGA** : 0.33 %

**<sup>1</sup>H NMR** : Confirm

**% Potency** : 99.6 %

### 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 - 0.33(Weight Loss By TGA)] x [99.93(HPLC Purity)]/100 = 99.6 %

**Recommendation** : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		02/08/2025
Reviewed & Approved By	Quality Control	Jatin Patel		02/08/2025

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