

# CERTIFICATE OF ANALYSIS

(Certificate No. KMS026028-01)

Release Date: 17/09/2024

Re-test Date: 16/09/2027

## 2,4-DIAMINO-5-ISONITROSO-6-OXYPYRIMIDINE

### Identification

**Chemical Name :**

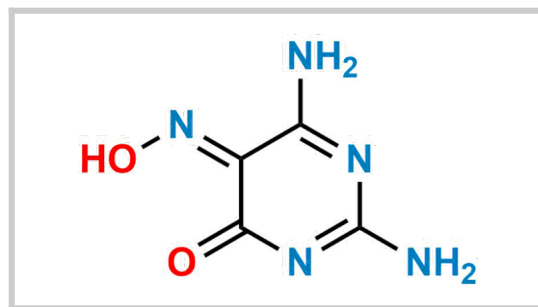
2,4-DIAMINO-5-ISONITROSO-6-OXYPYRIMIDINE ; (Z)-2,6-Diamino-5-(hydroxyimino)pyrimidin-4(5H)-one

CAT No. : KMS026028

CAS No. : 62128-61-4

Molecular Formula : C<sub>4</sub>H<sub>5</sub>N<sub>5</sub>O<sub>2</sub>

Molecular Weight : 155.1



### Analytical Information

Batch No. : S026028-073-380

Description : Pink Solid

HPLC Purity : 95.01 %

Weight Loss By TGA : 1.42 %

% Potency : 93.66 %

Solubility : 0.1 N NaOH

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 - 1.42(Weight Loss By TGA)] x [95.01(HPLC Purity)]/100 = 93.66 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		17/09/2024
Reviewed & Approved By	Quality Control	Jatin Patel		17/09/2024

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