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

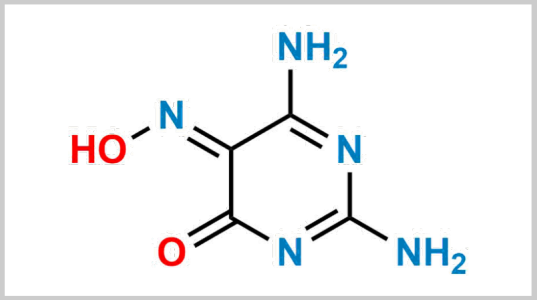
Chemical Name :
2,4-DIAMINO-5-ISONITROSO-6-OXYPYRIMIDINE ; (Z)-2,6-Diamino-5-(hydroxyimino)pyrimidin-4(5H)-one

CAT No. : KMS026028

CAS No. : 62128-61-4

Molecular Formula : C4H5N5O2

Molecular Weight : 155.1



Analytical Information

Batch No.	: S026028-073-380	**Solubility**	: 0.1 N NaOH
Description	: Pink Solid	**Mass**	: Confirm
HPLC Purity	: 95.01 %	**IR**	: Confirm
Weight Loss By TGA	: 1.42 %	**1H NMR**	: Confirm
% Potency	: 93.66 %		

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, 1HNMR, IR and TGA