

# CERTIFICATE OF ANALYSIS

(Certificate No. KMV011065-01)

Release Date: 21/12/2024

Re-test Date: 20/12/2027

## VARENICLINE NITROSO IMPURITY VC-09

### Identification

**Chemical Name :**

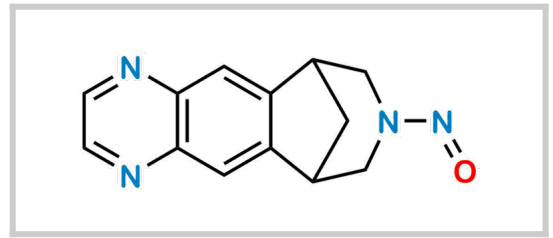
8-Nitroso-7,8,9,10-tetrahydro-6H-6,10-methanoazepino[4,5-g]quinoxaline

CAT No. : KMV011065

CAS No. : 2755871-02-2

Molecular Formula : C<sub>13</sub>H<sub>12</sub>N<sub>4</sub>O

Molecular Weight : 240.3



### Analytical Information

Batch No. : VARE-N-NITROSO-019-092

Description : Yellow Solid

HPLC Purity : 97.90 %

Weight Loss By TGA : 1.96 %

% Potency : 95.98 %

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 - 1.96(Weight Loss By TGA)] x [97.90(HPLC Purity)]/100 = 95.98 %

-Re-tested on 21.12.2024.

-COA Re-generated on 21.12.2024.

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Ravi Sakhiya		21/12/2024
Reviewed & Approved By	Quality Control	Jatin Patel		21/12/2024

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