

CERTIFICATE OF ANALYSIS

(Certificate No. KMV013098-01)

Release Date: 22/07/2025

Re-test Date: 21/07/2028

Vildagliptin Nitroso Impurity 2

Identification

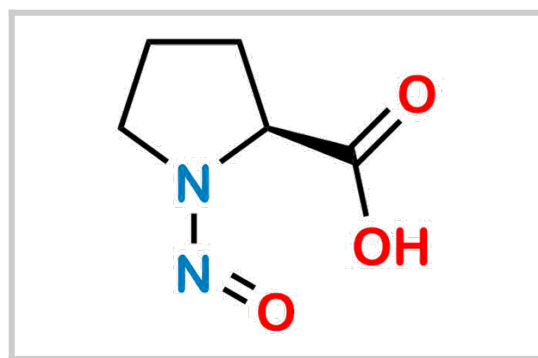
Chemical Name :
Nitroso-L-proline

CAT No. : KMV013098

CAS No. : 7519-36-0

Molecular Formula : C₅H₈N₂O₃

Molecular Weight : 144.1



Analytical Information

Batch No. : V013098-102

Description : Light Yellow Liquid

HPLC Purity : NLT 95.1 %

Weight Loss By TGA : NLT 0.1 %

% Potency : 95 %

Solubility : Methanol

Mass : Confirm

IR : Confirm

¹H 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 - 0.1(Weight Loss By TGA)] x [95.1(HPLC Purity)]/100 = 95 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Mr. Jignesh Patel		22/07/2025
Reviewed & Approved By	Quality Control	Mr. Jatin Patel		22/07/2025

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