CERTIFICATE OF ANALYSIS

(Certificate No. KMV013098-01)

Release Date: 22/07/2025 **Re-test Date:** 21/07/2028

Vildagliptin Nitroso Impurity 2

Identification

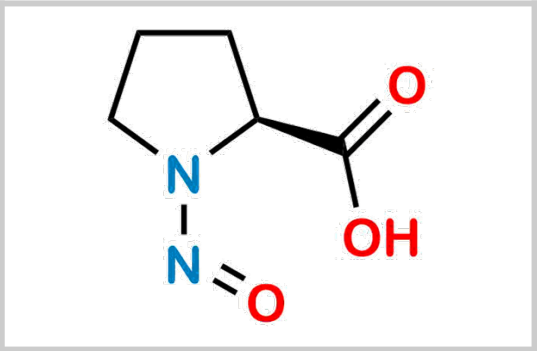
Chemical Name :
Nitroso-L-proline

CAT No. : KMV013098

CAS No. : 7519-36-0

Molecular Formula : C5H8N2O3

Molecular Weight : 144.1



Analytical Information

Batch No.	: V013098-102	**Solubility**	: Methanol
Description	: Light Yellow Liquid	**Mass**	: Confirm
HPLC Purity	: NLT 95.1 %	**IR**	: Confirm
Weight Loss By TGA	: NLT 0.1 %	**1H NMR**	: Confirm
% Potency	: 95 %		

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