

CERTIFICATE OF ANALYSIS

(Certificate No. KMV013095-01)

Release Date: 24/01/2025

Re-test Date: 23/01/2028

Vildagliptin N-Nitroso-L-Prolinaminde

Identification

Chemical Name :

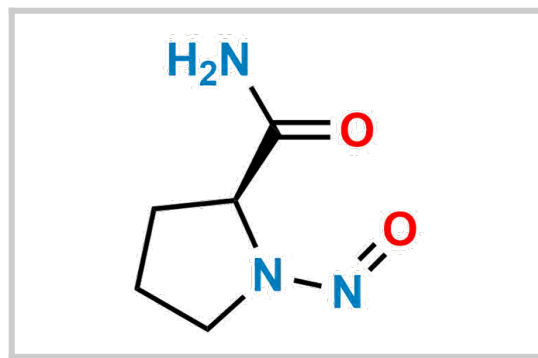
(S)-1-Nitrosopyrrolidine-2-Carboxamide (Mixture of E/Z Isomer)

CAT No. : KMV013095

CAS No. : 79108-51-3

Molecular Formula : C₅H₉N₃O₂

Molecular Weight : 143.1



Analytical Information

Batch No. : PRO-AMIDE-N-NO-019-383

Solubility : Acetonitrile

Description : Off White Solid

Mass : Confirm

HPLC Purity : 96.58 %

IR : Confirm

Weight Loss By TGA : 1.30 %

¹H NMR : Confirm

% Potency : 95.32 %

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 - 1.30(Weight Loss By TGA)] x [96.58(HPLC Purity)]/100 = 95.32 %

-Re-tested on 24.01.2025

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		24/01/2025
Reviewed & Approved By	Quality Control	Jatin Patel		24/01/2025

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