

CERTIFICATE OF ANALYSIS

(Certificate No. KMV013096-01)

Release Date: 07/07/2023

Re-test Date: 13/07/2026

Vildagliptin N-Nitroso-L-Proline Methyl Ester

Identification

Chemical Name :

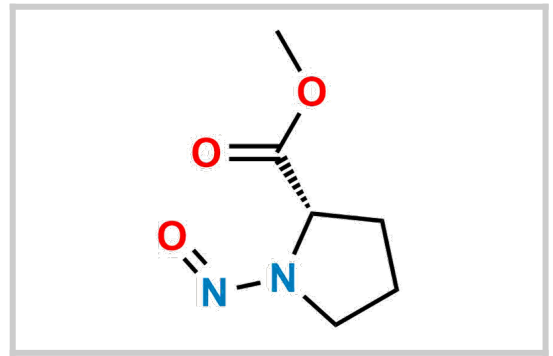
Methyl Nitroso-L-prolinate (Mixture of E/Z Isomer)

CAT No. : KMV013096

CAS No. : 35909-01-4

Molecular Formula : C₆H₁₀N₂O₃

Molecular Weight : 158.2



Analytical Information

Batch No. : PRO-ME-N-NO-019-382

Description : Yellow Liquid

HPLC Purity : 99.94 %

Weight Loss By TGA : 0.93 %

% Potency : 99.01 %

Solubility : Acetonitrile

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 - 0.93(Weight Loss By TGA)] x [99.94(HPLC Purity)]/100 = 99.01 %

Remarks : COA Re-generated on 09.12.2024

-Re-tested on 07.07.2023

-Mixture of Isomer

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		09/12/2024
Reviewed & Approved By	Quality Control	Jatin Patel		09/12/2024

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