

# **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 :**

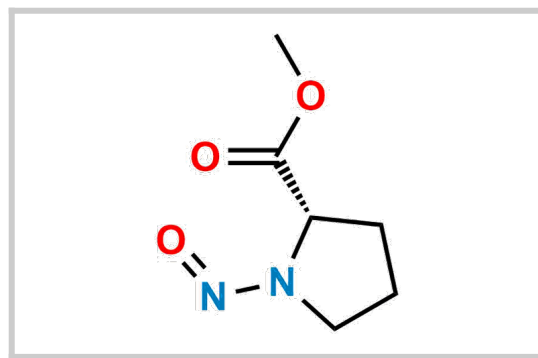
Methyl Nitroso-L-prolinate (Mixture of E/Z Isomer)

**CAT No.** : KMV013096

**CAS No.** : 35909-01-4

**Molecular Formula** : C<sub>6</sub>H<sub>10</sub>N<sub>2</sub>O<sub>3</sub>

**Molecular Weight** : 158.2



### **Analytical Information**

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

**Solubility** : Acetonitrile

**Description** : Yellow Liquid

**Mass** : Confirm

**HPLC Purity** : 99.94 %

**IR** : Confirm

**Weight Loss By TGA** : 0.93 %

**<sup>1</sup>H NMR** : Confirm

**% Potency** : 99.01 %

### **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, <sup>1</sup>HNMR, IR and TGA