

CERTIFICATE OF ANALYSIS

(Certificate No. KMV013027-02)

Release Date: 06/06/2026

Re-test Date: 05/06/2029

Vildagliptin Impurity A

Identification

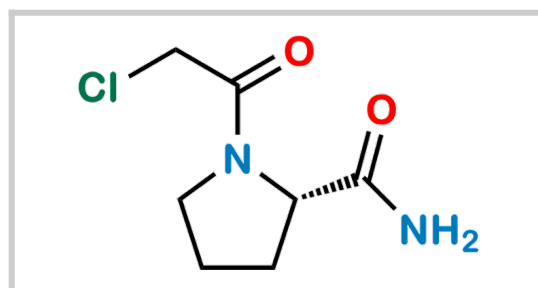
Chemical Name :
(S)-1-(2-Chloroacetyl)pyrrolidine-2-carboxamide

CAT No. : KMV013027

CAS No. : 214398-99-9

Molecular Formula : C7H11ClN2O2

Molecular Weight : 190.6



Analytical Information

Batch No. : V013027-114-362

Description : Colorless Thick Syrup

HPLC Purity : 99.86 %

Weight Loss By TGA : 2.81 %

% Potency : 97.05 %

Solubility : Water

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 = $[100 - 2.81(\text{Weight Loss By TGA})] \times [99.86(\text{HPLC Purity})]/100 = 97.05 \%$

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		06/06/2026
Reviewed & Approved By	Quality Control	Jatin Patel		06/06/2026

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