

CERTIFICATE OF ANALYSIS

(Certificate No. KMV013030-02)

Release Date: 01/06/2026

Re-test Date: 31/05/2029

Vildagliptin Impurity B

Identification

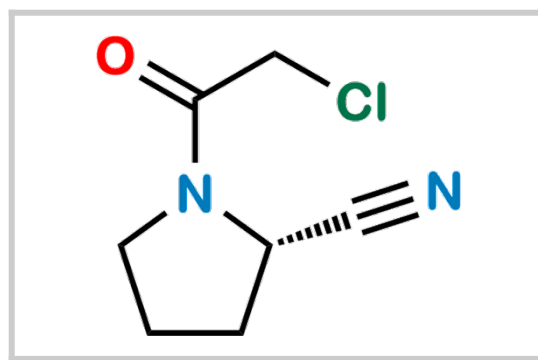
Chemical Name :
(2S)-1-(Chloroacetyl)-2-Pyrrolidinecarbonitrile

CAT No. : KMV013030

CAS No. : 207557-35-5

Molecular Formula : C₇H₉ClN₂O

Molecular Weight : 172.6



Analytical Information

Batch No. : V013030-114-365

Description : Light Brown Solid

HPLC Purity : 99.79 %

Weight Loss By TGA : 0.30 %

% Potency : 99.49 %

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 - 0.30(Weight Loss By TGA)] x [99.79(HPLC Purity)]/100 = 99.49 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		01/06/2026
Reviewed & Approved By	Quality Control	Jatin Patel		01/06/2026

Attachments : COA, HPLC, MASS, ¹H NMR, IR and TGA