CERTIFICATE OF ANALYSIS

(Certificate No. KMV013030-01)

Release Date: 26/11/2025 **Re-test Date:** 25/11/2028

Vildagliptin Impurity B

Identification

Chemical Name:

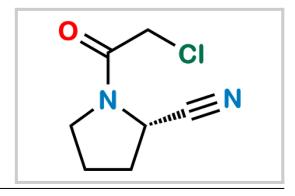
(2S)-1-(Chloroacetyl)-2-Pyrrolidinecarbonitrile

CAT No. : KMV013030

CAS No. : 207557-35-5

Molecular Formula : C7H9ClN2O

Molecular Weight : 172.6



Analytical Information

Description: Light Brown SolidMass: ConfirmHPLC Purity: 98.57 %IR: ConfirmWeight Loss By TGA: 0.09 %1H NMR: Confirm

% Potency : 98.48 %

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 - 0.09(Weight Loss By TGA)] x [98.57(HPLC Purity)]/100 = 98.48 %

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		26/11/2025
Reviewed & Approved By	Quality Control	Jatin Patel		26/11/2025

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