CERTIFICATE OF ANALYSIS

(Certificate No. KML014012-01)

Release Date: 28/06/2025 **Re-test Date:** 27/06/2028

Lenalidomide Impurity 2

Identification

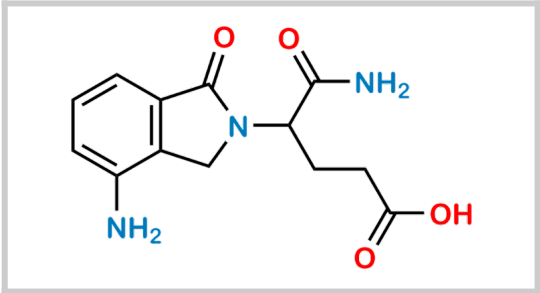
Chemical Name :
5-Amino-4-(4-amino-1-oxoisoindolin-2-yl)-5-oxopentanoic acid

CAT No. : KML014012

CAS No. : 2197414-57-4

Molecular Formula : C13H15N3O4

Molecular Weight : 277.3



Analytical Information

Batch No.	: L014012-102-080	**Solubility**	: Water
Description	: Off White solid	**Mass**	: Confirm
HPLC Purity	: 97.16 %	**IR**	: Confirm
Weight Loss By TGA	: 2.94 %	**1H NMR**	: Confirm
% Potency	: 94.3 %		

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 - 2.94(Weight Loss By TGA)] x [97.16(HPLC Purity)]/100 = 94.3 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		01/07/2025
Reviewed & Approved By	Quality Control	Jatin Patel		01/07/2025

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