

# CERTIFICATE OF ANALYSIS

(Certificate No. KML014025-01)

Release Date: 30/12/2024

Re-test Date: 29/12/2027

## Lenalidomide Impurity C

### Identification

**Chemical Name :**

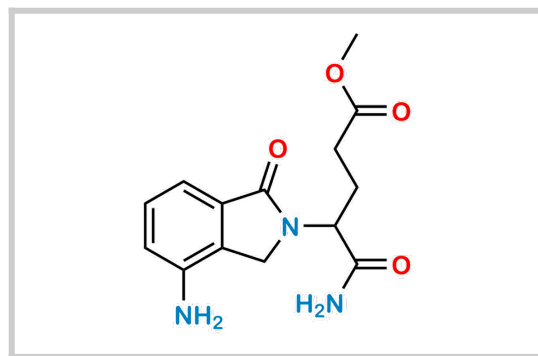
4-(4-Amino-1-oxo-1,3-dihydro-indol-2-yl)-4-carbamoylbutyric acid methyl ester

CAT No. : KML014025

CAS No. : 1198299-53-4

Molecular Formula : C<sub>14</sub>H<sub>17</sub>N<sub>3</sub>O<sub>4</sub>

Molecular Weight : 291.3



### Analytical Information

Batch No. : L014025-091-115

Description : Off White Solid

HPLC Purity : 91.01 %

Weight Loss By TGA : 0.14 %

% Potency : 90.88 %

Solubility : 0.1% OPA :  
Methanol (75 : 25)

Mass : Confirm

IR : Confirm

<sup>1</sup>H 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 - 0.14(Weight Loss By TGA)] x [91.01(HPLC Purity)]/100 = 90.88 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		06/01/2025
Reviewed & Approved By	Quality Control	Jatin Patel		06/01/2025

Attachments : COA, HPLC, MASS, <sup>1</sup>H NMR, IR and TGA