

# **CERTIFICATE OF ANALYSIS**

(Certificate No. KML014012-01)

**Release Date:** 28/06/2025

**Re-test Date:** 27/06/2028

## **Lenalidomide Impurity 2**

### **Identification**

**Chemical Name :**

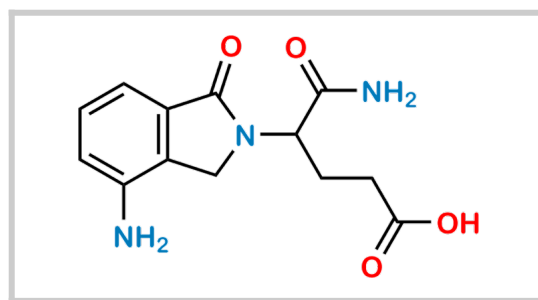
5-Amino-4-(4-amino-1-oxoisindolin-2-yl)-5-oxopentanoic acid

**CAT No.** : KML014012

**CAS No.** : 2197414-57-4

**Molecular Formula** : C<sub>13</sub>H<sub>15</sub>N<sub>3</sub>O<sub>4</sub>

**Molecular Weight** : 277.3



### **Analytical Information**

**Batch No.** : L014012-102-080

**Description** : Off White solid

**HPLC Purity** : 97.16 %

**Weight Loss By TGA** : 2.94 %

**% Potency** : 94.3 %

**Solubility** : Water

**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 - 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, <sup>1</sup>HNMR, IR and TGA