CERTIFICATE OF ANALYSIS

(Certificate No. KML014069-01)

Release Date: 30/12/2024 **Re-test Date:** 29/12/2027

Lenalidomide Impurity D

Identification

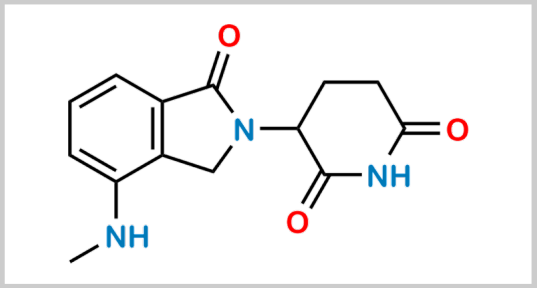
Chemical Name :
3-[4-(Methylamino)-1,3-dihydro-1-oxo-2H-isoindol-2-yl]-2,6-piperidinedione

CAT No. : KML014069

CAS No. : 2197421-58-0

Molecular Formula : C14H15N3O3

Molecular Weight : 273.3



Analytical Information

Batch No. : L014069-091-109

Description : White Solid

HPLC Purity : 99.65 %

Weight Loss By TGA : 1.83 %

% Potency : 97.83 %

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

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 - 1.83(Weight Loss By TGA)] x [99.65(HPLC Purity)]/100 = 97.83 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		31/12/2024
Reviewed & Approved By	Quality Control	Jatin Patel		31/12/2024

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