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## CERTIFICATE OF ANALYSIS

Analysis Date: Sep 2024

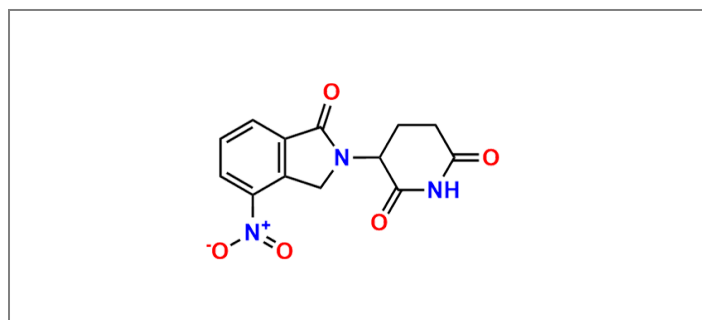
Re-test Date: Aug 2027

**Product Name: Lenalidomide 4-Nitro Impurity**

### Identification:

Chemical Name: 3-(1,3-Dihydro-4-nitro-1-oxo-2H-isoindol-2-yl)-2,6-piperidinedione

Synonyms : NA  
CAS Number : 827026-45-9  
CAT Number : CP-L27001  
Molecular Formula : C<sub>13</sub>H<sub>11</sub>N<sub>3</sub>O<sub>5</sub>  
Molecular Weight : 289.24  
Batch Number : CP-LEN-4NT-0924  
Storage Condition : Tightly closed, Inert atmosphere at 2 to 8° C  
Shipping condition : All Products are stable to be shipped at room temperature, if specific condition required it is mention in the COA



### Analytical Information:

Sr. No.	Test	Result
1)	Description	White Solid
2)	Solubility	Soluble in DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	99.3%
5)	H1NMR	Confirm to structure
6)	13CNMR	Confirm to structure
7)	Weight loss by TGA	0.195%
8)	Potency by TGA	99.1%



**Prepared and Reviewed By**

Ms Priyanka Salunkhe  
(Manager QC Analytical)

**Approved By**

Ms Rohini Gagare  
(QA Head)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.