

## CERTIFICATE OF ANALYSIS

Date: 13-02-2026

Product Name	Lenalidomide Lactosamine Adduct		
Chemical Name	3-(4-(((2R,3R,4R,5S,6R)-3,4-dihydroxy-6-(hydroxymethyl)-5-((2S,3R,4S,5R,6R)-3,4,5-trihydroxy-6-(hydroxymethyl)tetrahydro-2H-pyran-2-yl)oxy)tetrahydro-2H-pyran-2-yl)amino)-1-oxoisoxindolin-2-yl)piperidine-2,6-dione		
Structure	<p>The chemical structure shows a complex molecule. It features a central piperidine ring substituted with a 1-oxoisoxindolin-2-yl group at the 4-position. The 1-oxoisoxindolin-2-yl group has a hydroxymethyl group at the 6-position. Attached to the piperidine ring is a tetrahydro-2H-pyran-2-yl group, which is further substituted with a 3,4,5-trihydroxy-6-(hydroxymethyl)tetrahydro-2H-pyran-2-yl group at the 5-position. The entire molecule is an adduct, indicated by the amino group at the 3-position of the central piperidine ring.</p>		
Batch No.	-	CAS No.	NA
Analysis Date	-	Retest Date	-
Mol. Formula	C <sub>23</sub> H <sub>31</sub> N <sub>3</sub> O <sub>13</sub>	Molecular Wt.	583.5
Long term Storage Condition	Store at 2-8 °C in well closed container		
Handling and Transit Condition	25-30 °C in well closed container		

Test	Result
Appearance	-
Solubility	-
1H-NMR	Conforms to structure
MASS	Conforms to structure
Chromatographic Purity	>90%

**Note:** This material should be used for research purpose and not for human or animal consumption. Any patent applicable for this product in any country is not applicable for this analytical standard/research chemical.

	Prepared By	Checked By	Approved By
Signature			
Date			

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