



CERTIFICATE OF ANALYSIS

Date: 14-02-2026

Product Name	Naloxone Amide		
Chemical Name	(4R,4aS,7aR,12bS)-3-acryloyl-4a,9-dihydroxy-2,3,4,4a,5,6-hexahydro-1H-4,12-methanobenzofuro[3,2-e]isoquinolin-7(7aH)-one		
Structure	<p>The chemical structure of Naloxone Amide is a complex polycyclic compound. It features a benzofuran ring fused to an isoquinoline ring. The isoquinoline ring has a hydroxyl group (OH) at position 7 and a carbonyl group (C=O) at position 8. The benzofuran ring has a hydroxyl group (OH) at position 4a and a carbonyl group (C=O) at position 12. There is a double bond between positions 3 and 4 of the benzofuran ring. A side chain at position 3 of the benzofuran ring consists of an acryloyl group (CH2=CH-C(=O)-) attached to a nitrogen atom, which is also bonded to a hydrogen atom.</p>		
Batch No.	-	CAS No.	NA
Analysis Date	-	Retest Date	1
Mol. Formula	C ₁₉ H ₁₉ NO ₅	Molecular Wt.	341.4
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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