











## **CERTIFICATE OF ANALYSIS**

**Date:** 31-10-2025

Product Name	Bumetanide Lactose Adduct Impurity			
Chemical Name	3-(Butylamino)-5-(N-((3R,4R,5S,6R)-3,4-dihydroxy-t pyran-2-yl)sulfamoyl)-4-phenoxybenzoic acid	3-(Butylamino)-5-(N-((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)sulfamoyl)-4-phenoxybenzoic acid		
Structure				
Batch No.	-	CAS No.	NA	
Analysis Date	-	Retest Date	7	
Mol. Formula	$C_{29}H_{40}N_2O_{15}S$	Molecular Wt.	688.7	
Long term Storage Condition		Store at 2-8 °C in well closed container	Store at 2-8 °C in well closed container	
Handling and Transit Condition		25-30 °C in well closed container	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			