


CERTIFICATE OF ANALYSIS

Date: 05-07-2024

Product Name	His1-Semaglutide N-Methyl Impurity		
Chemical Name	(3S,9S,12S,15S,18S,21S,24S,27S,30S,33S,36S,39S,45S,48S,51S,54S,81R)-3-(2-((S)-3-(1H-imidazol-4-yl)-2-(methylamino)propanamido)-2-methylpropanamido)-54-(((6S,12S,15S,18S,21S,24S,27S,30S,33S)-21-((1H-indol-3-yl)methyl)-1-amino-30-benzyl-27-((S)-sec-butyl)-35-carboxy-6-((carboxymethyl)carbamoyl)-12-(3-guanidinopropyl)-1-imino-18-isobutyl-15-isopropyl-24-methyl-8,11,14,17,20,23,26,29,32-nonaixo-2,7,10,13,16,19,22,25,28,31-decaazapentatriacontan-33-yl)carbamoyl)-45-(3-amino-3-oxopropyl)-12-benzyl-39-(2-carboxyethyl)-21-(carboxymethyl)-33-(4-hydroxybenzyl)-9,15-bis((R)-1-hydroxyethyl)-18,27,30-tris(hydroxymethyl)-36-isobutyl-24-isopropyl-48,51-dimethyl-4,7,10,13,16,19,22,25,28,31,34,37,40,43,46,49,52,60,69,78,83-henicosaoxo-62,65,71,74-tetraoxa-5,8,11,14,17,20,23,26,29,32,35,38,41,44,47,50,53,59,68,77,82-henicosaaazanonanonacontane-1,81,99-tricarboxylic acid		
Structure			
Batch No.	NA	CAS No.	NA
Analysis Date	NA	Retest Date	NA
Molecular Formula	C188H293N45O59	Molecular Weight	4127.7
Long term Storage Condition	NA		
Handling and Transit Condition	NA		

Test	Result
NA	
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			

CLEANCHEM LABORATORIES LLP

Plot No. A-737/2, TTC Industrial Area, MIDC Kopar Khairane, Navi Mumbai, Maharashtra, INDIA - 400710

 sales@cleanchemlab.com  +91-9324132198  www.cleanchemlab.com