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## CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

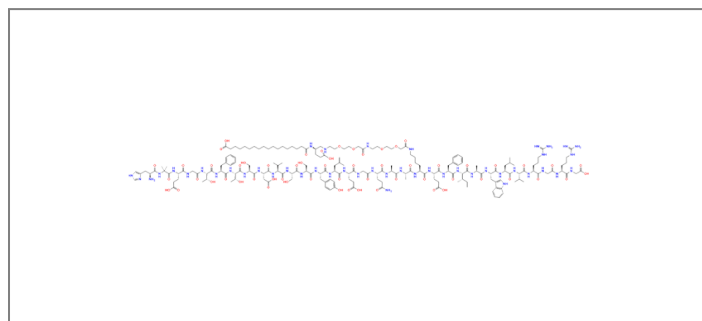
**Product Name: Semaglutide  $\alpha$ -Glu Impurity**

### Identification:

Chemical Name:

(5S,11S,14S,17S,20S,23S,26S,29S,32S,35S,38S,41S,44S,50S,53S,56S,59S,62S,65S,68S,71S,74S,77S,80S,86S)-20-((1H-indol-3-yl)methyl)-86-(2-((S)-2-amino-3-(1H-imidazol-4-yl)propanamido)-2-methylpropanamido)-44-(3-amino-3-oxopropyl)-29,77-dibenzyl-26-((S)-sec-butyl)-35-((S)-43-carboxy-25-(2-carboxyethyl)-6,15,27-trioxo-8,11,17,20-tetraoxa-5,14,23,26-tetraazatritetracontyl)-32,50-bis(2-carboxyethyl)-68-(carboxymethyl)-5,11-bis(3-guanidinopropyl)-56-(4-hydroxybenzyl)-74,80-bis((R)-1-hydroxyethyl)-59,62,71-tris(hydroxymethyl)-17,53-diisobutyl-14,65-diisopropyl-23,38,41-trimethyl-4,7,10,13,16,19,22,25,28,31,34,37,40,43,46,49,52,55,58,61,64,67,70,73,76,79,82,85-octacosaoxo-3,6,9,12,15,18,21,24,27,30,33,36,39,42,45,48,51,54,57,60,63,66,69,72,75,78,81,84-octacosazaazonaoctacontanedioic acid

Synonyms : NA  
CAS Number : NA  
CAT Number : CP-S78081  
Molecular Formula : C187H293N45O58  
Molecular Weight : 4099.7



### Analytical Information:

Sr. No.	Test	Result
1)	Description	Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	>95%
5)	<sup>1</sup> HNMR	Confirm to structure



Prepared and Reviewed By

Ms Priyanka Salunkhe  
(Quality Control)

Approved By

Ms Rohini Gagare  
(Quality Assurance)

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