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CERTIFICATE OF ANALYSIS

Analysis Date:

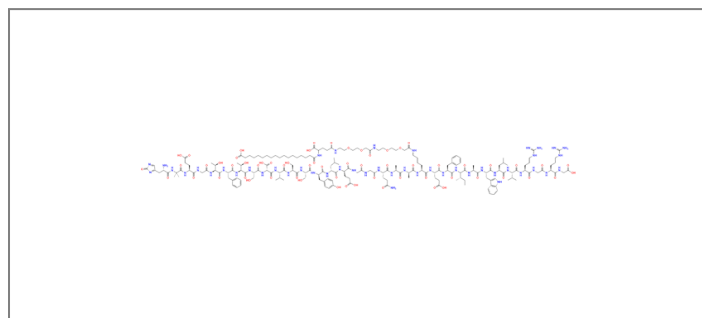
Re-test Date:

Product Name: Semaglutide Impurity 12

Identification:

Chemical Name: (3S,9S,12S,15S,18S,21S,24S,27S,30S,33S,36S,39S,48S,51S,54R,57S)-57-(((6S,12S,15S,18S,21S,24S,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-nonaaxo-2,7,10,13,16,19,22,25,28,31-decaazapentatriacontan-33-yl)carbamoyl)-3-(2-((S)-2-amino-3-(2-oxo-2H-imidazol-4-yl)propanamido)-2-methylpropanamido)-48-(3-amino-3-oxopropyl)-12-benzyl-39-(2-carboxyethyl)-33-(4-hydroxybenzyl)-9,15-bis((R)-1-hydroxyethyl)-18,27,30-tris(hydroxymethyl)-36-isobutyl-24-isopropyl-51,54-dimethyl-4,7,10,13,16,19,22,25,28,31,34,37,40,43,46,49,52,55,63,72,81,86-docosaaxo-65,68,74,77-tetraoxa-5,8,11,14,17,20,23,26,29,32,35,38,41,44,47,50,53,56,62,71,80,85-docosaazadohectane-1,21,84,102-tetracarboxylic acid

Synonyms : NA
CAS Number : NA
CAT Number : CP-S78074
Molecular Formula : C188H290N46O61
Molecular Weight : 4170.6



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)	¹ 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.