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CERTIFICATE OF ANALYSIS

Analysis Date:

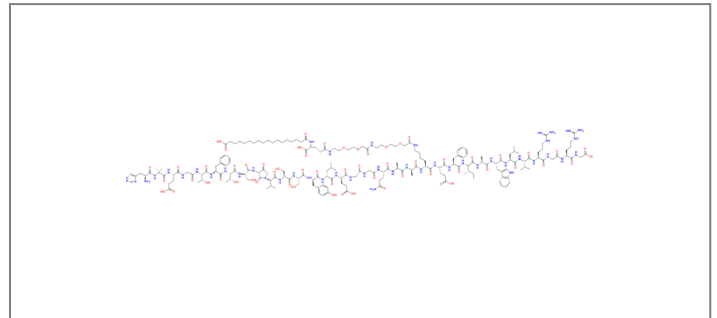
Re-test Date:

Product Name: Semaglutide Impurity 29

Identification:

Chemical Name: (4S,10S,13S,16S,19S,22S,28S,31S,34S)-19-((1H-indol-3-yl)methyl)-34-((2R,5S,8S,17S,20S,23S,26S,29S,32S)-8-(3-amino-3-oxopropyl)-32-(3-((2S,5S,8S,11S,17S,23S)-23-amino-8-benzyl-17-(2-carboxyethyl)-5,11-bis((R)-1-hydroxyethyl)-2-(hydroxymethyl)-24-(1H-imidazol-4-yl)-20,20-dimethyl-4,7,10,13,16,19,22-hepta-oxo-3,6,9,12,15,18,21-heptaazatetracosanamido)-2,4-dioxopyrrolidin-1-yl)-17-(2-carboxyethyl)-23-(4-hydroxybenzyl)-26,29-bis(hydroxymethyl)-20-isobutyl-2,5,33-trimethyl-4,7,10,13,16,19,22,25,28,31-decaoxo-3,6,9,12,15,18,21,24,27,30-decaazatetratriacontanamido)-28-benzyl-25-((S)-sec-butyl)-31-(2-carboxyethyl)-4,10-bis(3-guanidinopropyl)-16-isobutyl-13-isopropyl-22-methyl-3,6,9,12,15,18,21,24,27,30,33,40,49,58,63-pentadeca-oxo-42,45,51,54-tetraoxa-2,5,8,11,14,17,20,23,26,29,32,39,48,57,62-pentadecaazanonahptacontane-1,61,79-tricarboxylic acid

Synonyms : NA
CAS Number : NA
CAT Number : CP-S78076
Molecular Formula : C₁₈₉H₂₉₂N₄₆O₅₉
Molecular Weight : 4152.7



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)	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.