Registered Address: Chemicea Pharmaceuticals Pvt Ltd, Platinum Springs,
Unit No- A- 205&206 Second floor, Plot No: G-6, G-20 to G 24, Taloja- MIDC, Opp. Dena Bank
Navi Mumbai 410208, MH, INDIA. Email- info@chemicea.com Mob- +91 9284897978

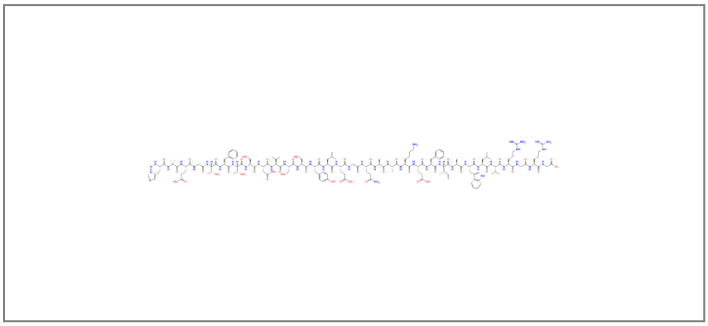
CERTIFICATE OF ANALYSIS

Analysis Date: Oct 2026 Re-test Date: Sep 2028

Product Name: Des-[Oct-γ-Glu-AEEA-AEEA]-Semaglutide

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-5-yl)propanamido)-2-methylpropanamido)-44-(3-amino-3-oxopropyl)-35-(4-aminobutyl)-29,77-dibenzyl-26-((S)-sec-butyl)-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-octacosaazanonaoctacontanedioic acid



Synonyms	:	Semaglutide Back bone Impurity ; Linear Semaglutide
CAS Number	:	873874-39-6
CAT Number	:	CP-S78095
Molecular Formula	:	C152H230N42O47
Molecular Weight	:	3397.8
Batch Number	:	CP-SEM-DOGAA-0926
Storage Condition	:	Tightly closed, Inert atmosphere at -20° C
Shipping condition	:	At low temperature with dry ice and ice pack gel

Analytical Information:

Sr. No.	Test	Result
1)	Description	White Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	Mass Spectrometry	Confirm to Structure
4)	Purity By HPLC	99.32%
5)	1HNMR	Confirm to structure
6)	13CNMR	Confirm to Structure
7)	FT-IR	Confirm to structure
8)	Weight loss by TGA	1.76%
9)	Potency	97.57%

Prepared and Reviewed By



Mr. Shubham Bondre
(Quality Control)

Approved By



Mr. Abhijit Kale
(Quality Assurance)

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