

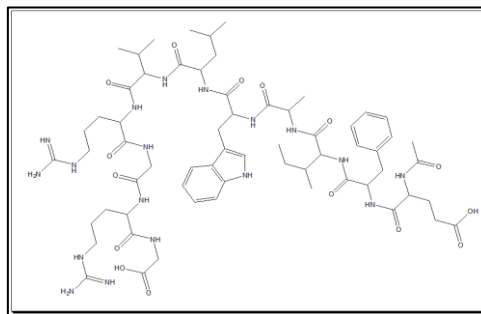
Analysis Date: 10-07-2025

Re-test Date: 10-07-2028

21-31 GLU-AC-SEMAGLUTIDE

Identification

Chemical Name	: 20-((1H-indol-3-yl)methyl)-32-acetamido-29-benzyl-26-(sec-butyl)-5,11-bis(3-guanidinopropyl)-17-isobutyl-14-isopropyl-23-methyl-4,7,10,13,16,19,22,25,28,31-decaoxo-3,6,9,12,15,18,21,24,27,30-decaazapentatriacontanedioic acid
CAT No	: ALL-S08880
CAS No	: N.A.
Molecular Formula	: C ₆₃ H ₉₆ N ₁₈ O ₁₅
Molecular Weight	: 1345.6



Analytical Information

Batch Code	: ALL-S08880	HPLC Purity	: 98.05%
Solubility	: USP Diluent / EP Diluent (MEOH)	Potency	: 96.63%
Appearance of Product	: Off White Solid	Mass	: Confirm
Long Term Storage	: -20 ⁰ C	IR Analysis	: Confirm
Weight Loss By TGA	: 1.166%	¹H NMR	: Confirm
Residue Of Ignition	: 0.275%		

Additional Information

$$\%Potency = [100 - (\text{Weight Loss By TGA \%} + \text{Residue Of Ignition \%}) \times \text{Chromatographic Purity\%}] / 100 = [100 - (1.387 + 0.475) \times 98.05] / 100 = 96.63\%$$

Recommendation : Released

	Department	Name	Signature
Prepared and Reviewed by	Analytical	Mr. Vipul Khadase Jr. Executive	
Approved By	QA&QC	Dr. Ashish Keche Director QA&QC	

Attachment : HPLC, Mass, ¹H NMR, IR, TGA

Shipping Condition : All Product are stable to be shipped at room temperature, unless otherwise specified

Corporate Office