



PEPTIDE IMPURITIES

Our peptide impurity products are crafted to the highest standards, ensuring accuracy and reliability in every analysis.

CERTIFICATE OF ANALYSIS
(Certificate No: PCDMSR-007-140)

SimSon Pharma Limited
Reference Standards | Research Chemicals | Research Services

Product Name: SEMAGLUTIDE DIS-GLUTAMIDES
 Synonym: H-AD-EDTDDNPTDGLQA-K-GRNA-Glycine-OH-AcTA-ATAA-ETFAHPEGRI
 CAT No.: NA
 Batch Number: SP-001-001
 CAS No.: NA
 Molecular Formula: C₁₀₄H₁₆₄N₁₆O₂₄
 Molecular Weight: 2456.40 g/mol
 Storage Condition: Store at -20°C
 Shipping condition: Ice-Coolant

ANALYTICAL INFORMATION

Sl. No.	DESCRIPTION	RESULTS
1	DESCRIPTION	White to Off-White Powder
2	SOLUBILITY	Soluble in DMSO and Methanol
3	IDENTIFICATION	IR
4	CHEMICAL PURITY (by HPLC area Normalization)	Conforms to the Structure
5	Stability content by TGA	92.77%
6	ASH CONTENT (by TGA) (20°C to 800°C @ 10°C/min, rate 20°C/min)	0.70% w/w
7	DEFINED POTENCY (by Mass Balance Method) (90% - 110% Stable content - Ash Content & HPLC Purity 100%)	90.27% w/w

Prepared By: *[Signature]*
 (Name & Date): *[Signature]*
 Quality Assurances: ISO 9001:2015, ISO 17024:2017, ISO/IEC 17025:2017, GLP Certified, OHS
 Not for Human or Animal Consumption. Only for Analytical Testing Purpose.
 Simson Pharma Limited Office: D-307, Sector-29, Gurgaon, Haryana, India. Email: No. Delivery Toll N/A, Delivery (Est.)
 Mumbai - 400008.
 Simson Life Sciences Pvt.Ltd. Head Office, Type III, MIDC, Pimpri Chinchwad, Maharashtra, India. Tel: 020-27070000

Approved By: *[Signature]*
 (Name & Date): *[Signature]*
 14/06/2024

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Cat No	Product Name
S1420007	Semaglutide Des Gly-10 Impurity
S1420008	Semaglutide D-His-7 Impurity
S1420003	Semaglutide Plus 106 Impurity
S1420004	Semaglutide Iso Asp Impurity
S1420029	Semaglutide Impurity Oia25
S1420035	Semaglutide Impurity D-Leu26
S1420040	Semaglutide Impurity 42
S1420022	Semaglutide alpha-Glu Impurity
S1420038	Des-Gly(4)-Semaglutide
S1420016	D-Ala-19-Semaglutide
S1420037	Des-Glu3 Semaglutide
S1420030	Semaglutide Impurity D-Asp9
S1420033	Semaglutide impurity AEEA-B-Ala
S1420043	D-[Asp]-9-Semaglutide
S1420042	D-[Val]10-Semaglutide
S1420020	Fragment-[9-31]-Semaglutide
S1420049	D-Ser(14)-Semaglutide
S1420045	[Glu]-17-Semaglutide
S1420046	Des-[Oct-gamma-Glu-AEEA-AEEA]-Semaglutide
S1420006	Semaglutide Impurity 4
S1420009	semaglutide-impurity-7
S1420066	Semaglutide-HAibE (Des-HAib)
S1420068	Semaglutide Impurity 14
S1420073	Semaglutide Impurity 15
C1380043	Calcitonin Impurity 36
C1380034	Calcitonin Impurity 14
C1380026	Calcitonin Impurity 2

Cat No	Product Name
C1380001	Calcitonin Salmon Impurity A
C1380008	Calcitonin Salmon Related Compound B
C1380012	Asp-26 Calcitonin
C1380013	26-cyclo-Asn Calcitonin
C1380015	31-dehydro-Thr Calcitonin
C1380005	Calcitonin Salmon Impurity F
C1380006	Calcitonin Salmon EP Impurity G
C1380011	Asp-3 Calcitonin
C1380016	1-2 Hydrolysis Calcitonin
C1380017	N-acetyl-cys1-calcitonin
C1380004	Calcitonin Salmon Impurity D
C1380010	Des-(32-31) Thr-Pro Calcitonin
C1380002	Calcitonin Salmon EP Impurity B
C1380003	Calcitonin Salmon EP Impurity C
C1380007	Glu-20 Calcitonin
C1380014	3-cyclo-Asn Calcitonin
C1380009	Glu-14 Calcitonin
C1380022	Des-Tyr(22)-Calcitonin Salmon
C1380019	Truncated (32-27) Calcitonin Salmon
C1380018	Trisulphide Impurity of Calcitonin Salmon
C1380020	Ac-Cys(1)-CS
C1380021	endo-Thr(21)-CS
C1380027	Calcitonin Impurity 5
C1380032	Calcitonin Impurity 12
C1380046	Des-Thr(6)-Calcitonin Salmon
C1380029	Calcitonin Impurity 9
C1380040	Calcitonin EP Impurity E
C1380045	Calcitonin EP Impurity E trifluoroacetate
C1380023	Calcitonin Trifluoroacetate Salt Impurity