SlimPeptide

CERTIFICATE OF ANALYSIS

Product Name	Semaglutide
Cas No	910463-68-2
Sequence	H-His-Aib-Glu-Gly-Thr-Phe-Thr-Ser-Asp-Val-Ser-Ser-Tyr-Leu-Glu-Gly-Gln-Ala-Ala-Lys(AEEAc-AEEAc-γ-Glu-17-carboxyheptadecanoyl)-Glu-Phe-Ile-Ala-Trp-Leu-Val-Arg-Gly-Arg-Gly-OH
Dissolution condition	10%ACN+90%H2O
Length	31AA
Modification	N/A
Molecular Weight (MW)	4113.58±1
Storage	-20℃

Test Items	Specifications	Results
Purity by HPLC	>98%	99.88%
Peptide Content	76~100%	96.08%
Specific Activity	0.7-1.3 Units/mg	0.98 Units/mg
Water content	< 10.0%	3.8%
Appearance	White to off-white lyophilized powder	Conforms

Certified by:
Quality Assurance Department

Date 02/06/2026

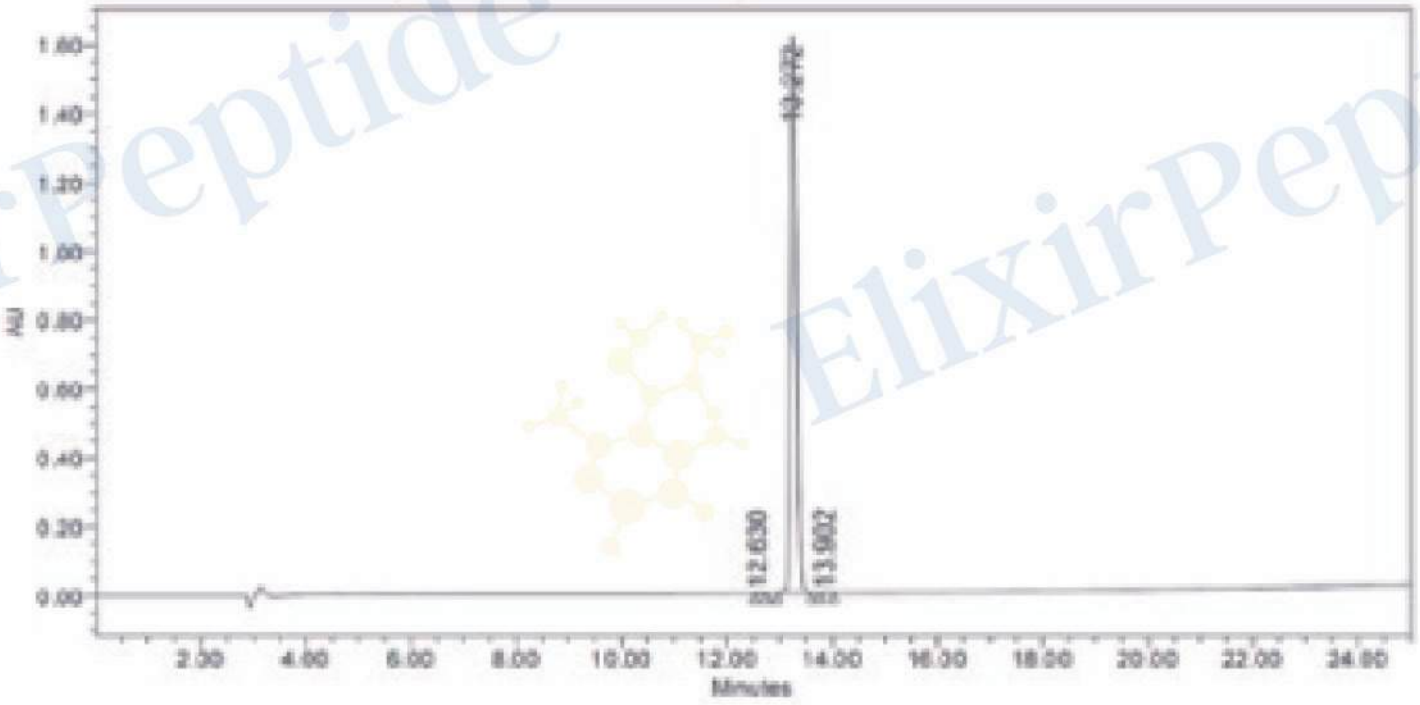
ElixirPeptide

SlimPeptide

Sample Information

Name	: Semaglutide
Cas No	: 910463-68-2
Sequence	: H-His-Aib-Glu-Gly-Thr-Phe-Thr-Ser-Asp-Val-Ser-Ser-Tyr-Leu-Glu-Gly-Gln-Ala-Ala-Lys(AEEAc-AEEAc-γ-Glu-17-carboxyheptadecanoyl)-Glu-Phe-Ile-Ala-Trp-Leu-Val-Arg-Gly-Arg-Gly-OH
Pump A	: 0.1% Trifluoroacetic in 100% Water
Pump B	: 0.1% Trifluoroacetic in 100% Acetonitrile
Total Flow	: 1ml/min
Wavelength	: 220nm
Analytical column type	: SHIMADZU Inertsil ODS-SP（4.6*250mm*5um）
Inj. Volume	: 5ul

Time	Module	Action	Value
0.00	Pumps	B.Conc	30
25.00	Pumps	B.Conc	90
25.01	Pumps	B.Conc	100
30.00	Pumps	B.Conc	100
30.01	Pumps	Stop	



	RT	Area	% Area	Height
1	12.630	8859	0.08	1612
2	13.272	11479547	99.88	1618747
3	13.902	4884	0.04	771

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