
CERTIFICATE OF ANALYSIS

Product Name	Semaglutide
Cas No	910463-68-2
Batch	SEME124
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 \pm 1
Storage	-20°C

Test Items	Specifications	Results
Purity by HPLC	>98%	99.33%
Peptide Content	76~100%	90.0%
Specific Activity	0.7-1.3 Units/mg	0.9 Units/mg
Water content	<10.0%	5.5%
Appearance	White to off-white lyophilized powder	Conforms
Quantity	5mg or 10.0mg/vial	5mg or 10.0mg/vial

Certified by:
Quality Assurance
Department

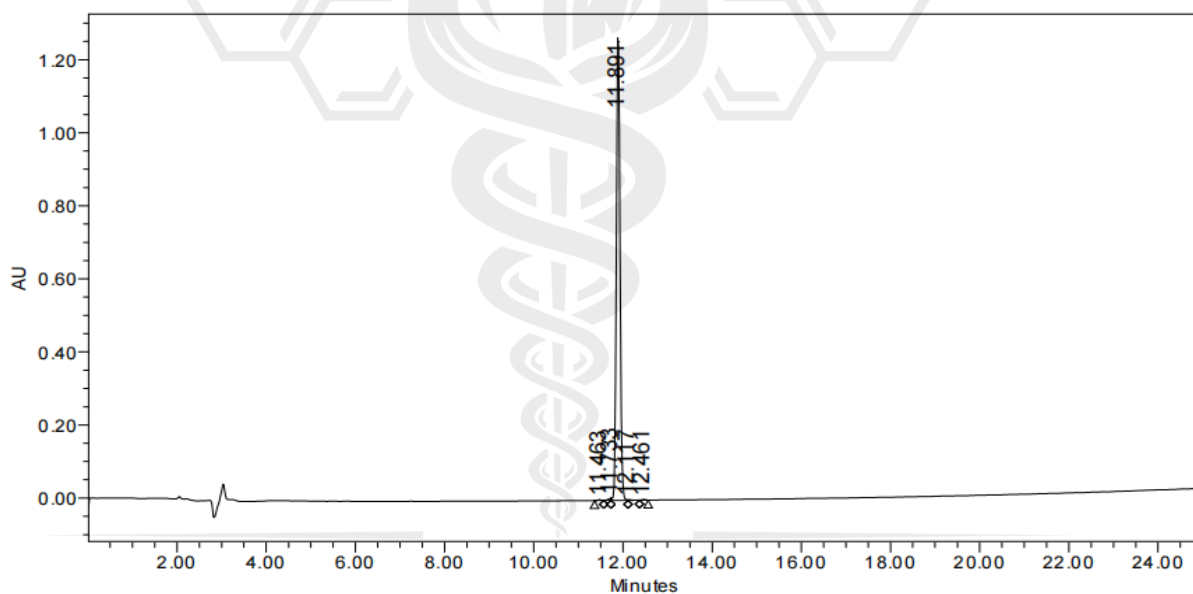
Date 05/20/2024

Note: this product is intended for research use only; not for diagnostic or human use.

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
 Lot No : Se01-20230811
 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



	RT	Area	% Area	Height
1	11.463	9266	0.13	1629
2	11.733	24687	0.34	5805
3	11.891	7281735	99.33	1272919
4	12.117	7284	0.10	1234
5	12.461	8219	0.11	1361

SEMAGLUTIDE-MS 4 (0.074)

Scan ES+
7.43e6

