

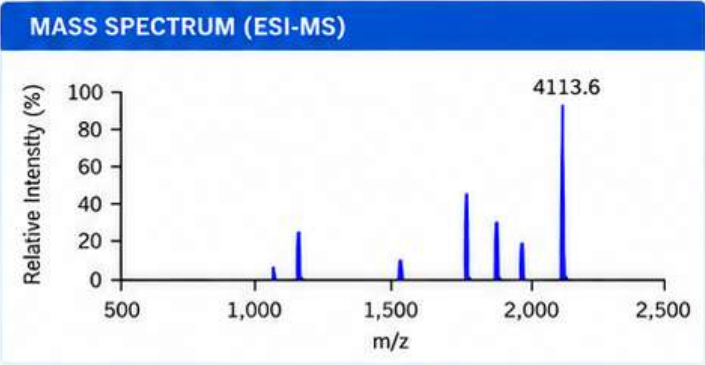
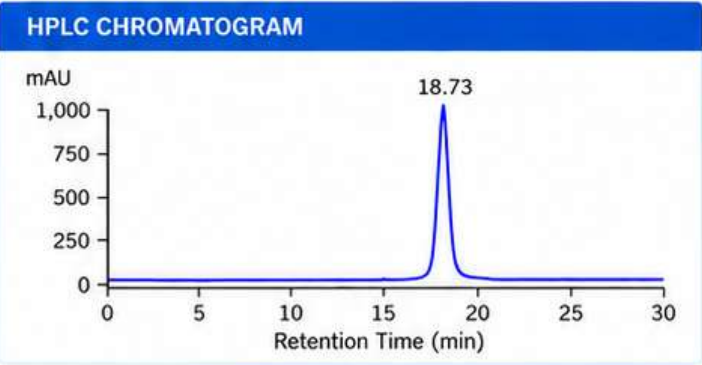
CERTIFICATE OF ANALYSIS

LABORATORY TEST RESULTS

Product Name:	Semaglutide (Injection)
CAS Number:	910463-68-2
Molecular Formula:	C187H291N45O59
Molecular Weight:	4113.58 g/mol
Batch/Lot Number:	AMG-0525-001
Manufacture Date:	05/2025
Expiration Date:	05/2027
Storage Conditions:	Store at 2°C – 8°C (36°F – 46°F)
Intended Use:	For laboratory research purposes only



TEST	SPECIFICATION	RESULT	METHOD
Appearance	White to off-white lyophilized powder	Conforms	Visual Inspection
Identity (HPLC)	Retention time corresponds to reference	Conforms	HPLC
Purity (HPLC)	≥ 99.0%	99.5%	HPLC (UV 220 nm)
Peptide Content	≥ 98.0%	99.1%	HPLC
Related Substances	≤ 2.0%	0.6%	HPLC
Residual Solvents	Complies with ICH Q3C	Conforms	GC-MS
Water Content (Karl Fischer)	≤ 5.0%	1.4%	Karl Fischer
Endotoxin (LAL)	≤ 10 EU/mg	< 1 EU/mg	LAL Test
Sterility (if applicable)	Complies	Conforms	USP <71>



CONCLUSION

The above product has been tested and found to comply with the specified quality standards. This batch meets the established criteria for identity, purity, and quality for research use only.



Dr. Michael R. Carter
Head of Quality Control
AMINO+GLP Research





SCAN TO VERIFY
COA ONLINE