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**CERTIFICATE OF ANALYSIS**

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**Client** USChemLabs.com  
**Date** 7/2/2024  
**Order ID** USCLSEMA10129  
**Product Name** Semaglutide  
**Lot No.** SEM05690 - SEM05725  
**Sequence** H-His-Ala-Glu-Gly-Thr-Phe-Thr-Ser-Asp-Val-Ser-Ser-Tyr-Leu-Glu-Gly-Gln-Ala-Ala-Lys-Glu-Phe-Ile-Ala-Trp-Leu-Val-Arg-Gly-Arg-Gly-OH  
**Length** 31AA  
**Modification** N/A  
**Storage** -20° C

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TEST ITEMS	SPECIFICATION	RESULT
MW by MS	4113.6 ± 1.0	4113.6
Purity by HPLC	> 99 %	99.156 %
Assay	80.0 % ~ 120.0 %	103.4 %
TFA Content	≤ 0.500 %	Conforms
Acetic acid content	≤ 5.0 %	0.2 %
Solubility	5 mg/1 ml H <sub>2</sub> O	Clearly soluble
Appearance	White to off-white lyophilized powder	Conforms

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