

CERTIFICATE OF ANALYSIS

Peptide / Cosmetic Testing Report

CLIENT Certipeptide.com	CLIENT EMAIL support@certipeptide.com	CLIENT CONTACT Whatsapp:+852 4765 1436	PRODUCT / SAMPLE Semaglutide SM50
SAMPLE TYPE Lyophilized peptide powder	BATCH NUMBER FFKU1UWKGBU	ANALYSIS DATE 2026-08-24	ISSUE DATE 2026-08-24
SAMPLE DESCRIPTION White, loose powder; chemical for R&D use; 50 mg per bottle; date of manufacture: 2026-08-06; retest date: 2028-08-06.			

ANALYTES / COMPONENTS

ANALYTE	CAS	MOLECULAR FORMU-LA	THEORETICAL MW	LABEL CLAIM	MODIFICA-TION
Semaglutide SM50	910463-68-2	C187H291N45O59	4113.6	50mg	Acetate

TEST RESULTS

ANALYTE	TEST	METHOD	SPECIFICATION	RESULT	DECISION
Semaglutide SM50	Appearance	Visual	White or almost white loose powder	White loose powder	Pass
Semaglutide SM50	Mass spectrum	MS	4113.6 +/- 1.0 Da	4112.8 Da	Pass
Semaglutide SM50	Purity	HPLC	NLT 98.0 %	99.4 %	Pass
Semaglutide SM50	Peptide content	HPLC	NLT 90.0 %	92.6 %	Pass
Semaglutide SM50	Actual fill	Gravimetric	50 mg	54.76 mg	Pass
Semaglutide SM50	Water content	Karl Fischer	NMT 8.0 %	5.7 %	Pass
Semaglutide SM50	Bacterial endotoxins	LAL (gel-clot)	NMT 10 EU/mg	<3 EU/mg	Pass

OVERALL CONCLUSION

Pass

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