

CERTIFICATE OF ANALYSIS

Peptide / Cosmetic Testing Report

CLIENT Certipeptide.com	CLIENT EMAIL support@certipeptide.com	CLIENT CONTACT Whatsapp:+852 4765 1436	PRODUCT / SAMPLE Liraglutide LIR5
SAMPLE TYPE Lyophilized peptide powder	BATCH NUMBER 8MB4NRREAKFE	ANALYSIS DATE 2026-06-03	ISSUE DATE 2026-06-03
SAMPLE DESCRIPTION White, loose powder; chemical for R&D use; 5 mg per bottle; date of manufacture: 2026-05-19; retest date: 2028-05-19.			

ANALYTES / COMPONENTS

ANALYTE	CAS	MOLECULAR FORMU- LA	THEORETICAL MW	LABEL CLAIM	MODIFICA- TION
Liraglutide LIR5	204656-20-2	C172H265N43O51	3751.2	5mg	Acetate

TEST RESULTS

ANALYTE	TEST	METHOD	SPECIFICATION	RESULT	DECISION
Liraglutide LIR5	Appearance	Visual	White or almost white loose powder	White loose powder	Pass
Liraglutide LIR5	Mass spectrum	MS	3751.2 +/- 1.0 Da	3750.7 Da	Pass
Liraglutide LIR5	Purity	HPLC	NLT 98.0 %	99.0 %	Pass
Liraglutide LIR5	Peptide content	HPLC	NLT 90.0 %	92.2 %	Pass
Liraglutide LIR5	Actual fill	Gravimetric	5 mg	5.51 mg	Pass
Liraglutide LIR5	Water content	Karl Fischer	NMT 8.0 %	3.5 %	Pass
Liraglutide LIR5	Bacterial endotoxins	LAL (gel-clot)	NMT 10 EU/mg	<3 EU/mg	Pass

OVERALL CONCLUSION

Pass

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AUTHORIZED SIGNATURE

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