

CERTIFICATE OF ANALYSIS

Peptide / Cosmetic Testing Report

CLIENT Certipeptide.com	CLIENT EMAIL support@certipeptide.com	CLIENT CONTACT Whatsapp:+852 4765 1436	PRODUCT / SAMPLE Tirzepatide TR20
SAMPLE TYPE Lyophilized peptide powder	BATCH NUMBER M7R92LDUSPZ3	ANALYSIS DATE 2026-08-25	ISSUE DATE 2026-08-25
SAMPLE DESCRIPTION White, loose powder; chemical for R&D use; 20 mg per bottle; date of manufacture: 2026-08-12; retest date: 2028-08-12.			

ANALYTES / COMPONENTS

ANALYTE	CAS	MOLECULAR FORMU-LA	THEORETICAL MW	LABEL CLAIM	MODIFICA-TION
Tirzepatide TR20	2023788-19-2	C225H348N48O68	4813.5	20mg	Acetate

TEST RESULTS

ANALYTE	TEST	METHOD	SPECIFICATION	RESULT	DECISION
Tirzepatide TR20	Appearance	Visual	White or almost white loose powder	White loose powder	Pass
Tirzepatide TR20	Mass spectrum	MS	4813.5 +/- 1.0 Da	4813.2 Da	Pass
Tirzepatide TR20	Purity	HPLC	NLT 98.0 %	98.6 %	Pass
Tirzepatide TR20	Peptide content	HPLC	NLT 90.0 %	92.1 %	Pass
Tirzepatide TR20	Actual fill	Gravimetric	20 mg	22.94 mg	Pass
Tirzepatide TR20	Water content	Karl Fischer	NMT 8.0 %	4.5 %	Pass
Tirzepatide TR20	Bacterial endotoxins	LAL (gel-clot)	NMT 10 EU/mg	<3 EU/mg	Pass

OVERALL CONCLUSION

Pass

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