

CERTIFICATE OF ANALYSIS

Peptide / Cosmetic Testing Report

CLIENT Certipeptide.com	CLIENT EMAIL support@certipeptide.com	CLIENT CONTACT Whatsapp:+852 4765 1436	PRODUCT / SAMPLE Oxytocin OXY5(OT5)
SAMPLE TYPE Lyophilized peptide powder	BATCH NUMBER BR53VXL4G327	ANALYSIS DATE 2026-05-15	ISSUE DATE 2026-05-15
SAMPLE DESCRIPTION White, loose powder; chemical for R&D use; 5 mg per bottle; date of manufacture: 2026-05-01; retest date: 2028-05-01.			

ANALYTES / COMPONENTS

ANALYTE	CAS	MOLECULAR FORMU-LA	THEORETICAL MW	LABEL CLAIM	MODIFICA-TION
Oxytocin OXY5(OT5)	50-56-6	C43H66N12O12S2	1007.2	5mg	Acetate

TEST RESULTS

ANALYTE	TEST	METHOD	SPECIFICATION	RESULT	DECISION
Oxytocin OXY5(OT5)	Appearance	Visual	White or almost white loose powder	White loose powder	Pass
Oxytocin OXY5(OT5)	Mass spectrum	MS	1007.2 +/- 1.0 Da	1006.5 Da	Pass
Oxytocin OXY5(OT5)	Purity	HPLC	NLT 98.0 %	99.5 %	Pass
Oxytocin OXY5(OT5)	Peptide content	HPLC	NLT 90.0 %	92.1 %	Pass
Oxytocin OXY5(OT5)	Actual fill	Gravimetric	5 mg	5.44 mg	Pass
Oxytocin OXY5(OT5)	Water content	Karl Fischer	NMT 8.0 %	5.4 %	Pass
Oxytocin OXY5(OT5)	Bacterial endotoxins	LAL (gel-clot)	NMT 10 EU/mg	<3 EU/mg	Pass

OVERALL CONCLUSION

Pass

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