

CERTIFICATE OF ANALYSIS

Peptide / Cosmetic Testing Report

CLIENT Certipeptide.com	CLIENT EMAIL support@certipeptide.com	CLIENT CONTACT Whatsapp:+852 4765 1436	PRODUCT / SAMPLE Oxytocin OXY2(OT2)
SAMPLE TYPE Lyophilized peptide powder	BATCH NUMBER A9P6TU0JDPYV	ANALYSIS DATE 2026-05-15	ISSUE DATE 2026-05-15
SAMPLE DESCRIPTION White, loose powder; chemical for R&D use; 2 mg per bottle; date of manufacture: 2026-04-27; retest date: 2028-04-27.			

ANALYTES / COMPONENTS

ANALYTE	CAS	MOLECULAR FORMU-LA	THEORETICAL MW	LABEL CLAIM	MODIFICA-TION
Oxytocin OXY2(OT2)	50-56-6	C43H66N12O12S2	1007.2	2mg	Acetate

TEST RESULTS

ANALYTE	TEST	METHOD	SPECIFICATION	RESULT	DECISION
Oxytocin OXY2(OT2)	Appearance	Visual	White or almost white loose powder	White loose powder	Pass
Oxytocin OXY2(OT2)	Mass spectrum	MS	1007.2 +/- 1.0 Da	1006.5 Da	Pass
Oxytocin OXY2(OT2)	Purity	HPLC	NLT 98.0 %	99.7 %	Pass
Oxytocin OXY2(OT2)	Peptide content	HPLC	NLT 90.0 %	91.9 %	Pass
Oxytocin OXY2(OT2)	Actual fill	Gravimetric	2 mg	2.16 mg	Pass
Oxytocin OXY2(OT2)	Water content	Karl Fischer	NMT 8.0 %	5.1 %	Pass
Oxytocin OXY2(OT2)	Bacterial endotoxins	LAL (gel-clot)	NMT 10 EU/mg	<3 EU/mg	Pass

OVERALL CONCLUSION

Pass

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