

CERTIFICATE OF ANALYSIS

Peptide / Cosmetic Testing Report

CLIENT Certipeptide.com	CLIENT EMAIL support@certipeptide.com	CLIENT CONTACT Whatsapp:+852 4765 1436	PRODUCT / SAMPLE Orexin A OA5
SAMPLE TYPE Lyophilized peptide powder	BATCH NUMBER 3Y80MYP6GCLL	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: 2026-04-15; retest date: 2028-04-15.			

ANALYTES / COMPONENTS

ANALYTE	CAS	MOLECULAR FORMU-LA	THEORETICAL MW	LABEL CLAIM	MODIFICA-TION
Orexin A OA5	205640-90-0	C152H243N47O44S4	3561.1	5mg	Acetate

TEST RESULTS

ANALYTE	TEST	METHOD	SPECIFICATION	RESULT	DECISION
Orexin A OA5	Appearance	Visual	White or almost white loose powder	White loose powder	Pass
Orexin A OA5	Mass spectrum	MS	3561.1 +/- 1.0 Da	3560.5 Da	Pass
Orexin A OA5	Purity	HPLC	NLT 98.0 %	99.7 %	Pass
Orexin A OA5	Peptide content	HPLC	NLT 90.0 %	90.7 %	Pass
Orexin A OA5	Actual fill	Gravimetric	5 mg	5.25 mg	Pass
Orexin A OA5	Water content	Karl Fischer	NMT 8.0 %	3.4 %	Pass
Orexin A OA5	Bacterial endotoxins	LAL (gel-clot)	NMT 10 EU/mg	<3 EU/mg	Pass

OVERALL CONCLUSION

Pass

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