

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 OA10
SAMPLE TYPE Lyophilized peptide powder	BATCH NUMBER MBNA9TTOBSPF	ANALYSIS DATE 2026-05-15	ISSUE DATE 2026-05-15
SAMPLE DESCRIPTION White, loose powder; chemical for R&D use; 10 mg per bottle; date of manufacture: 2026-05-05; retest date: 2028-05-05.			

ANALYTES / COMPONENTS

ANALYTE	CAS	MOLECULAR FORMU- LA	THEORETICAL MW	LABEL CLAIM	MODIFICA- TION
Orexin A OA10	205640-90-0	C152H243N47O44S4	3561.1	10mg	Acetate

TEST RESULTS

ANALYTE	TEST	METHOD	SPECIFICATION	RESULT	DECISION
Orexin A OA10	Appearance	Visual	White or almost white loose powder	White loose powder	Pass
Orexin A OA10	Mass spectrum	MS	3561.1 +/- 1.0 Da	3560.3 Da	Pass
Orexin A OA10	Purity	HPLC	NLT 98.0 %	99.3 %	Pass
Orexin A OA10	Peptide content	HPLC	NLT 90.0 %	91.0 %	Pass
Orexin A OA10	Actual fill	Gravimetric	10 mg	11.12 mg	Pass
Orexin A OA10	Water content	Karl Fischer	NMT 8.0 %	3.7 %	Pass
Orexin A OA10	Bacterial endotoxins	LAL (gel-clot)	NMT 10 EU/mg	<3 EU/mg	Pass

OVERALL CONCLUSION

Pass

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