

CERTIFICATE OF ANALYSIS

Peptide / Cosmetic Testing Report

CLIENT Certipeptide.com	CLIENT EMAIL support@certipeptide.com	CLIENT CONTACT Whatsapp:+852 4765 1436	PRODUCT / SAMPLE Melanotan I MT1
SAMPLE TYPE Lyophilized peptide powder	BATCH NUMBER 71Z7OWSBX7ED	ANALYSIS DATE 2026-06-29	ISSUE DATE 2026-06-29
SAMPLE DESCRIPTION White, loose powder; chemical for R&D use; 10 mg per bottle; date of manufacture: 2026-06-04; retest date: 2028-06-04.			

ANALYTES / COMPONENTS

ANALYTE	CAS	MOLECULAR FORMU- LA	THEORETICAL MW	LABEL CLAIM	MODIFICA- TION
Melanotan I MT1	75921-69-6	C78H111N21O19	1646.9	10mg	Acetate

TEST RESULTS

ANALYTE	TEST	METHOD	SPECIFICATION	RESULT	DECISION
Melanotan I MT1	Appearance	Visual	White or almost white loose powder	White loose powder	Pass
Melanotan I MT1	Mass spectrum	MS	1646.9 +/- 1.0 Da	1646.0 Da	Pass
Melanotan I MT1	Purity	HPLC	NLT 98.0 %	99.5 %	Pass
Melanotan I MT1	Peptide content	HPLC	NLT 90.0 %	90.7 %	Pass
Melanotan I MT1	Actual fill	Gravimetric	10 mg	11.85 mg	Pass
Melanotan I MT1	Water content	Karl Fischer	NMT 8.0 %	4.5 %	Pass
Melanotan I MT1	Bacterial endotoxins	LAL (gel-clot)	NMT 10 EU/mg	<3 EU/mg	Pass

OVERALL CONCLUSION

Pass

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