

CERTIFICATE OF ANALYSIS

Peptide / Cosmetic Testing Report

CLIENT Certipeptide.com	CLIENT EMAIL support@certipeptide.com	CLIENT CONTACT Whatsapp:+852 4765 1436	PRODUCT / SAMPLE Dermorphin DP5
SAMPLE TYPE Lyophilized peptide powder	BATCH NUMBER KRL5NSOUGACW	ANALYSIS DATE 2026-07-27	ISSUE DATE 2026-07-27
SAMPLE DESCRIPTION White, loose powder; chemical for R&D use; 5 mg per bottle; date of manufacture: 2026-07-03; retest date: 2028-07-03.			

ANALYTES / COMPONENTS

ANALYTE	CAS	MOLECULAR FORMU- LA	THEORETICAL MW	LABEL CLAIM	MODIFICA- TION
Dermorphin DP5	77614-16-5	C40H50N8O10	802.9	5mg	Acetate
SEQUENCE: Tyr-D-Ala-Phe-Gly-Tyr-Pro-Ser-NH2					

TEST RESULTS

ANALYTE	TEST	METHOD	SPECIFICATION	RESULT	DECISION
Dermorphin DP5	Appearance	Visual	White or almost white loose powder	White loose powder	Pass
Dermorphin DP5	Mass spectrum	MS	802.9 +/- 1.0 Da	802.3 Da	Pass
Dermorphin DP5	Purity	HPLC	NLT 98.0 %	98.8 %	Pass
Dermorphin DP5	Peptide content	HPLC	NLT 90.0 %	90.5 %	Pass
Dermorphin DP5	Actual fill	Gravimetric	5 mg	5.38 mg	Pass
Dermorphin DP5	Water content	Karl Fischer	NMT 8.0 %	3.7 %	Pass
Dermorphin DP5	Bacterial endotoxins	LAL (gel-clot)	NMT 10 EU/mg	<3 EU/mg	Pass

OVERALL CONCLUSION
Pass

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