

REPORT ID AF-2026-870735	VERIFICATION CODE 23DZ-C5HQ	CLIENT China Peptide Source	STATUS ACTIVE
PRODUCT Melanotan-1 10 mg	BATCH / LOT MLTN-58E3	SAMPLE RECEIVED Jul 28, 2026	ANALYSIS DATE Jul 30, 2026

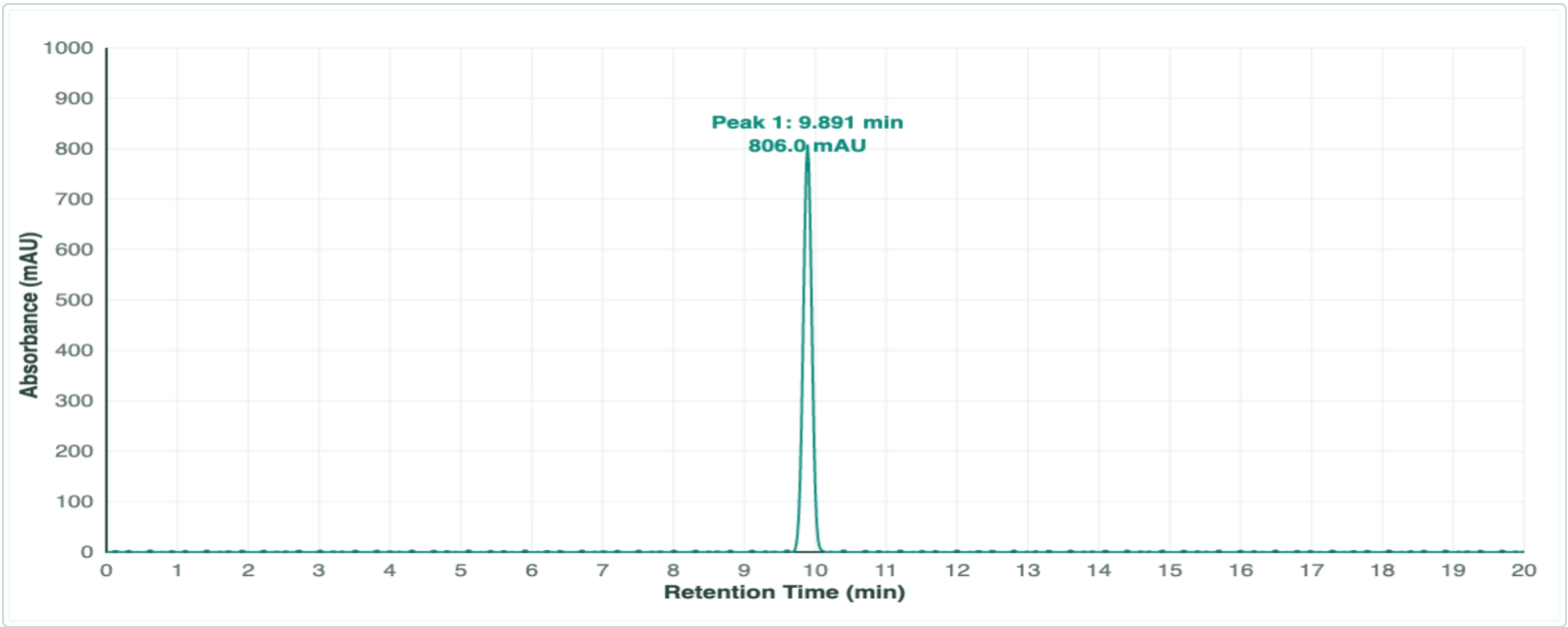
CORE ANALYTICAL PANEL

TEST PARAMETER	METHOD	RESULT	SPECIFICATION	STATUS
Melanotan-1 - Purity	RP-HPLC	99.60%	≥99.00%	Conforms
Melanotan-1 - Mass Identity	LC-MS	1646.8 Da	1646.8 ± 2 Da	Conforms
Net Content Quantity	Gravimetric	10.030 mg	10 mg Target	Measured

BIOSAFETY & SCREENING

SAFETY TEST	METHOD	OBSERVED LEVEL	LIMIT	STATUS
Endotoxin Assay (LAL)	LAL	0.91 EU/mg	≤ 5.0 EU/mg	Pass
Heavy Metal Screen (ICP-MS)	ICP-MS	0.035 ppm	< 0.1 ppm	Pass

RP-HPLC CHROMATOGRAM



Column: C18 Reverse-Phase (4.6 × 150 mm, 3.5 μm) Flow Rate: 1.0 mL/min Wavelength: 214 nm

VERIFICATION

23DZ-C5HQ

<https://analyticalformulations.com/verify/23DZ-C5HQ>

Lab ID: AFL-001 · FormuVerify™



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