



Client Branchroot Amino

Analyzed 08/04/2026

This Certificate of Analysis certifies that the sample listed herein was tested by SteriGenix using validated analytical methods and was found to meet the stated specifications at the time of analysis.

SAMPLE INFORMATION

Product	PT-141 10MG	Form	Lyophilized
Batch	BR-001-PT10	Labeled Qty	10MG
Mol. Formula	C50H68N14O10	CAS Number	189691-06-3
Cap Color	White	Crimp Color	Silver
Appearance	White Powder	Mol. Weight	1025.18 g/mol

TEST RESULTS

	REFERENCE STANDARD	RESULT	
Batch Avg Purity	(>98%)	99.76	✓
Batch Avg Net Content	10MG ± 10%	10.71	✓
Identity Confirmation (LC-MS)	PT-141 (Bremelanotide)	PT-141 (Bremelanotide)	✓
Microbial Sterility Screen	Bacterial Growth (Accelerator)	No Growth	✓
Mol Weight	1025.18 g/mol	Matches	✓
Endotoxin	(<0.5 EU/ml)	PASS	✓
Fentanyl	Not Present	Not Present	✓

HEAVY METAL SCREENING

Parameter	Result
Lead (Pb)	Negative
Cadmium (Cd)	Negative

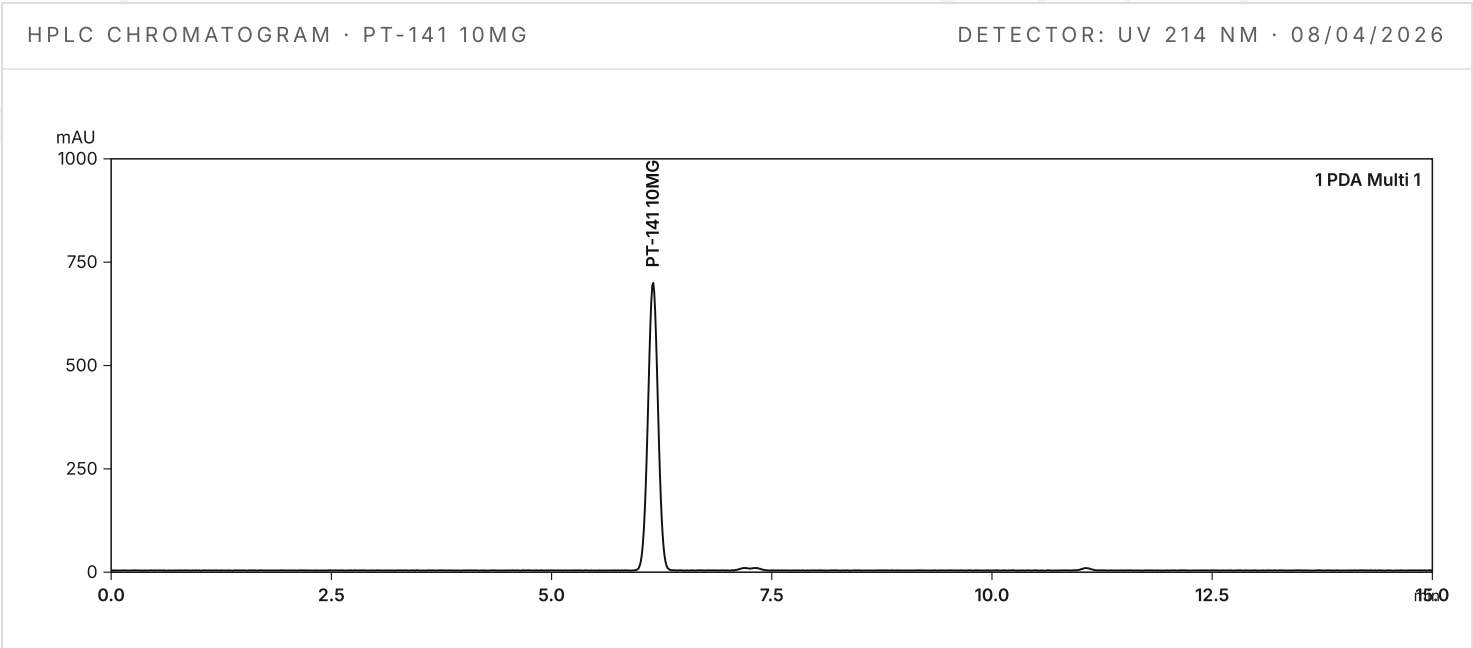
Arsenic (As) Negative

Mercury (Hg) Negative

BATCH CONFORMITY RESULTS

Vial	Purity (%)	Net Content (mg)
Vial 1	99.76	10.71
Vial 2	99.42	10.23
Vial 3	99.53	10.32
Average	99.57	10.42

HPLC CHROMATOGRAM



SAMPLE PHOTOS



AS RECEIVED

RECONSTITUTED (BACT. WATER) — CLARITY
CHECK

Dr. R. Caldwell

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