



Client Branchroot Amino

Analyzed 08/20/2026

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	Retatrutide	Form	Lyophilized
Batch	BR-002-RT20	Labeled Qty	20MG
Mol. Formula	C221H343N51O64	CAS Number	2381089-83-2
Cap Color	White	Crimp Color	Silver
Appearance	White Powder	Mol Weight	4738.39 g/mol

TEST RESULTS

	REFERENCE STANDARD	RESULT	
Batch Avg Purity	(>98%)	99.73	✓
Batch Avg Net Content	20MG ± 10%	21.06	✓
Identity Confirmation (LC-MS)	Retatrutide	Retatrutide	✓
Microbial Sterility Screen	Bacterial Growth (Accelerator)	No Growth	✓
Mol Weight	4738.39 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

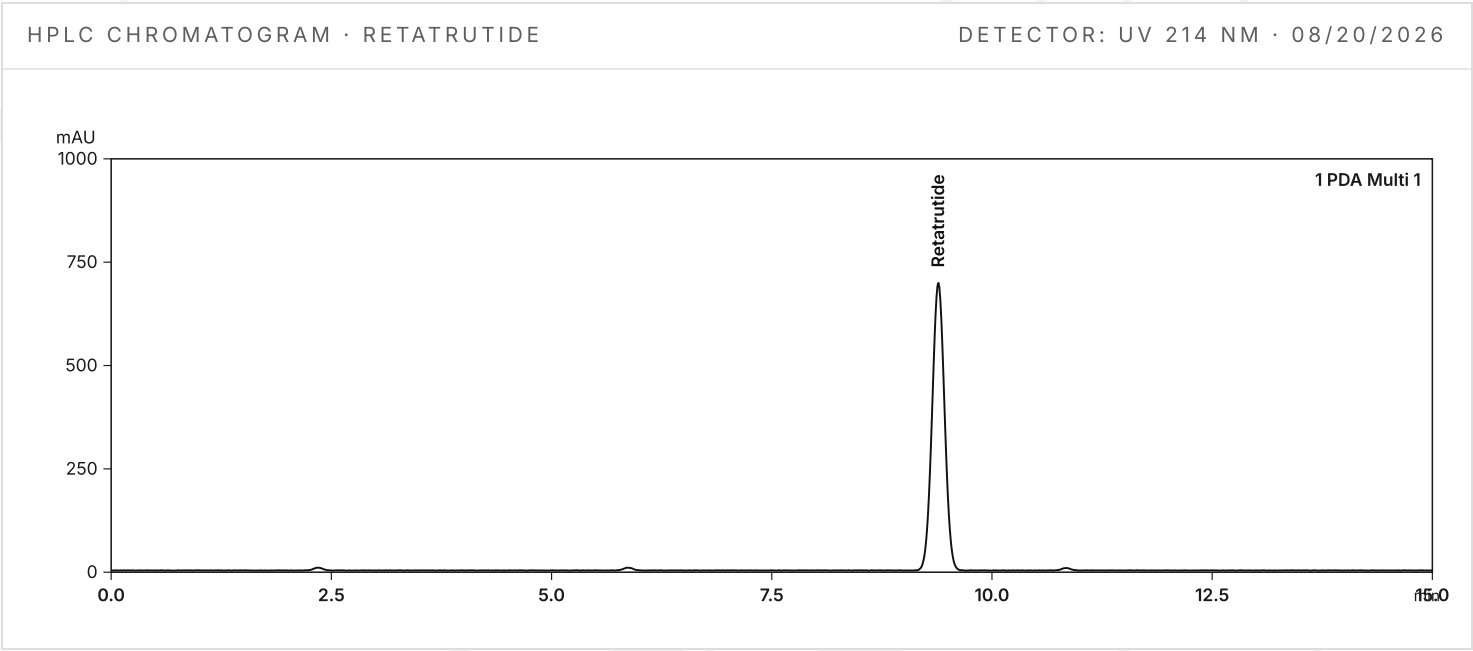
Arsenic (As) Negative

Mercury (Hg) Negative

BATCH CONFORMITY RESULTS

Vial	Purity (%)	Net Content (mg)
Vial 1	99.58	20.12
Vial 2	99.59	20.28
Vial 3	99.49	20.08
Average	99.55	20.16

HPLC CHROMATOGRAM



SAMPLE PHOTOS



AS RECEIVED

RECONSTITUTED (BACT. WATER) — CLARITY
CHECK

Dr. R. Caldwell

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