

REPORT # BC-122233

ACCESS CODE E3CL7C5P429G

Client BlankChem Research Supply

Received March 16, 2026 Analyzed March 21, 2026

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

Analytical testing performed using validated HPLC and LC-MS methods under controlled laboratory conditions. Select batches are independently verified by ISO-compliant third-party laboratories. Additional third-party documentation is available upon request.

Batch-specific analytical data is reproducible and consistent across independent testing environments.

SAMPLE INFORMATION

Product	Retatrutide 30mg	Form	Lyophilized Powder
Batch	BC-RT30-032026-01	Labeled Qty	30 mg
Mol. Formula	C ₂₀₅ H ₃₁₂ N ₅₆ O ₆₁	CAS Number	2381272-15-5
Appearance	White Lyophilized Powder	Identity	GLP-RT

TEST RESULTS

	REFERENCE STANDARD	RESULT	
Batch Avg Purity	(>99.0%)	99.482%	✓
Batch Avg Net Content	(30 mg ± 10%)	33.05 mg	✓
Identity Confirmation (LC-MS)	(GLP-RT)	GLP-RT	✓
Endotoxin Safety Screen	(≤ 0.5 EU/mL)	PASS	✓
Microbial Sterility Screen	(No Growth)	No Growth	✓
Related Substances	(≤ 0.5%)	0.518%	✓
Loss on Drying	(≤ 0.5%)	0.19%	✓

HEAVY METAL SCREENING

Analyte	Result
Lead (Pb)	Negative
Cadmium (Cd)	Negative
Arsenic (As)	Negative
Mercury (Hg)	Negative

STERILITY & ENDOTOXIN TESTING

Test	Method	Specification	Result
Microbial Sterility	Membrane Filtration / Direct Inoculation	No Growth	No Growth Detected
Bacterial Endotoxin	LAL (Limulus Amebocyte Lysate)	≤ 0.25 EU/mg	< 0.25 EU/mg — Pass

Sterility testing performed using standard membrane filtration or direct inoculation methods. Endotoxin testing performed using LAL (Limulus Amebocyte Lysate) assay.

BATCH CONFORMITY RESULTS

Vial	Purity (%)	Net Content (mg)
Vial 1	99.501	33.08
Vial 2	99.471	33.03
Vial 3	99.475	33.04
Batch Average	99.482%	33.05 mg