AMINO METRICS

CERTIFICATE OF ANALYSIS

Retatrutide 10mg

Certificate #AM-2610-1111

Verify code eed1-7b74-6ad3-01b6-43e5-3b03-6307-fead-1881-4853-5536-d13b (separate from the certificate #)

ISSUED TO
PowerHouse Research Co

CLIENT REFERENCE
092626SQ-092626SQ

DATE RECEIVED
2026-10-20

DATE ISSUED
2026-10-30

SOURCE
Undisclosed

COMPOUND TESTED
Retatrutide 10mg

STATUS
GENERATED

DATE TESTED
2026-10-30

ANALYST
AR

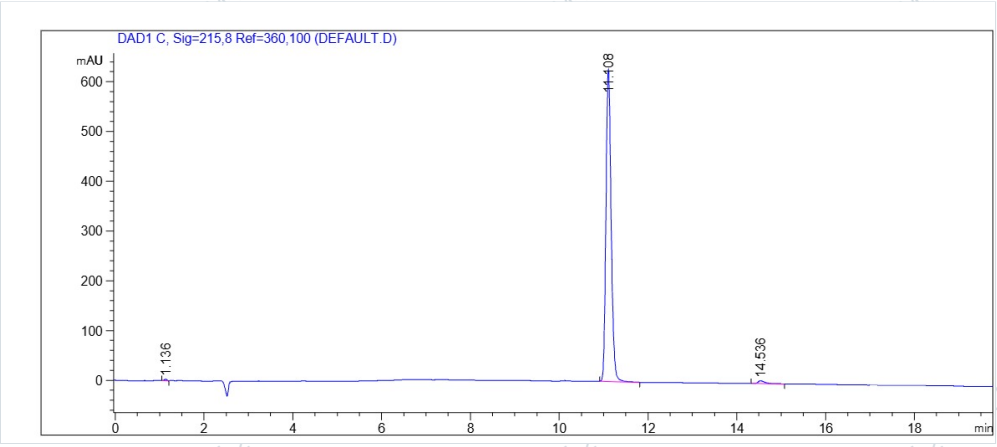
SAMPLE AS RECEIVED



SUMMARY OF RESULTS

TEST	RESULT	METHOD	SPECIFICATION	OUTCOME
Purity	99.37%	RP-HPLC	>= 99%	**PASS**
Identity (mass)	Consistent	Mass Spec	Within tolerance	**PASS**
Endotoxin	0.17 EU/mL	LAL	<= 0.5 EU/mL	**PASS**
Heavy Metals	4 elements	ICP-MS	See detail below	**PASS**
pH	5.79	Potentiometric	4.5–7	**PASS**
Net Content	10.09 mg	Beer-Lambert Law (AUC)	90–110%	**100.90%**
Fentanyl	Not Detected	Lateral Flow Immunoassay	—	**PASS**

RP-HPLC Purity Analysis

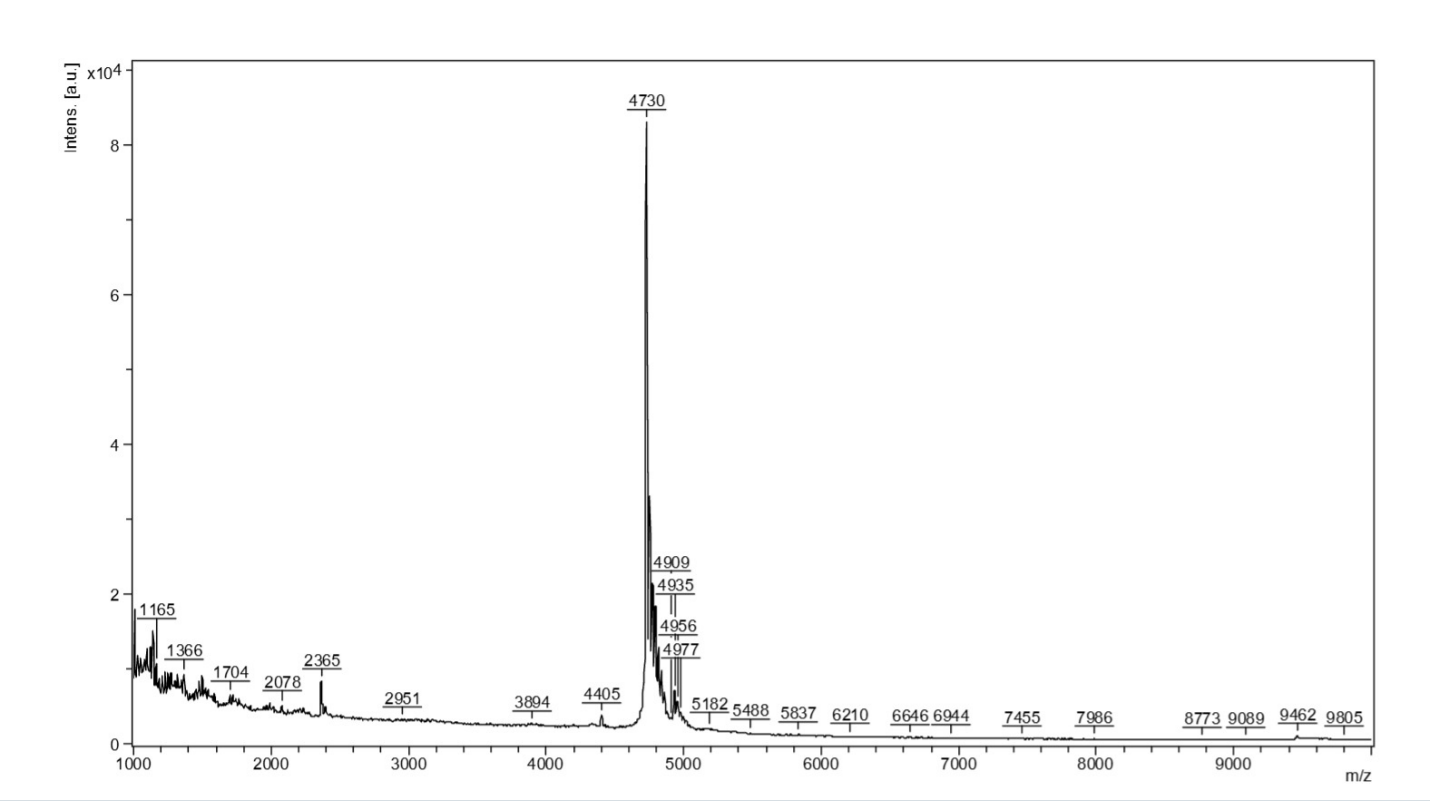


NOTES

The tested solution eluted at 48.7% acetonitrile, while the reference standard eluted at 48.7% acetonitrile. The close agreement in retention time indicates consistency between the tested solution and the reference standard under the analytical conditions used.

Mass Spectrometry

Mass consistent with target by Mass Spec (MALDI-TOF)



Bacterial Endotoxin

Result	0.17 EU/mL
Specification	<= 0.5 EU/mL
Method	LAL-Method
Outcome	PASS

NOTES

The sample was reconstituted in 2 mL of endotoxin-free sterile water. A 5 µL aliquot of this solution was diluted into 995 µL of endotoxin-free sterile water (1:200 dilution). Spike recovery was 72%.

Heavy Metals: ICP-MS

ELEMENT	RESULT (PPM)	LIMIT (PPM)
Cd	0.01	<= 0.2
Pb	0.02	<= 0.5
Hg	0.02	<= 0.3
As	0.01	<= 1.5

Physical & Quantity Checks

pH	5.79	4.5–7	PASS
Net Content	10.09 mg (100.90%)	90–110%	

Fentanyl Presence Screen

Method	Lateral Flow Immunoassay
Detection limit	—
Result	Not Detected

NOTES

Fentanyl was not detected in the sample using Rapid Response fentanyl test strips. The strips utilize an antibody-based lateral flow immunoassay to screen for the presence of fentanyl. The result was negative under the conditions of the test.

Verify: https://aminometrics.com/verify

Enter verify code eed1-7b74-6ad3-01b6-43e5-3b03-6307-fead-1881-4853-5536-d13b (not the certificate # above)

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