



- Summary Report -

Test Product: **Retatrutide 5mg**

Client: **NTX Peptides**

Description: 3ml glass vial of lyophilized powder.
(Yellow Cap / Silver Crimp)

Batch/Lot #: N/A

Receive Date: 11/14/2025

Exp. Date: N/A

COMPONENT	TEST	SPECIFICATION	RESULT
Retatrutide	Qualitative ID Lambda Max	TS $\lambda_{\max}$ is a match compared to its characteristic reference standard.	Matches ∴ Pass
	Percent Purity Correlation Coefficient	NLT 98% $r_{xy} = \frac{\sum_{i=1}^n (x_i - \bar{x}) \cdot (y_i - \bar{y})}{\sqrt{\sum_{i=1}^n (x_i - \bar{x})^2} \cdot \sqrt{\sum_{i=1}^n (y_i - \bar{y})^2}}$	99.0% ∴ Pass
	Quantitative Assay Beer-Lambert	NLT 95% label claim (mg/vial) $\% = (A_{TS}/A_{STD}) \times (C_{STD}/C_{TS}) \times 100$	5.18mg ∴ Pass

Discussion:

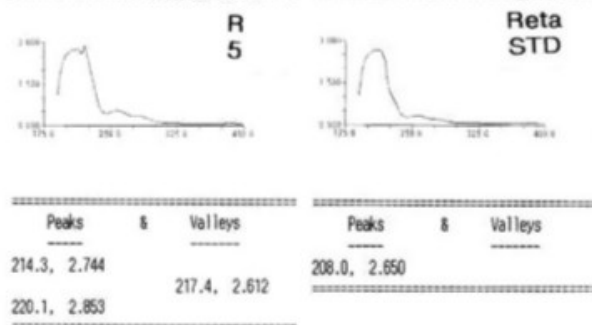
Sample received sealed and in good condition.

Tested on a Jenway 6715 UV/Vis spectrophotometer with a pulsed Xe lamp using 1.0cm quartz cuvettes. System suitability, daily wavelength calibration, and standard check pass all SOP criteria.

Sample meets all specifications requested for testing.



Spectrum Mode.....	67xx V1.85.1	Spectrum Mode.....	67xx V1.85.1
Instrument Id:	Supervisor	Instrument Id:	Supervisor
User Name:	Default Method	User Name:	Default Method
Method:	Default Batch	Method:	Default Batch
Batch Id:	190.0nm - 400.0nm	Batch Id:	190.0nm - 400.0nm
Wavelength Range:	0.1nm	Wavelength Range:	0.1nm
Plot Interval:	Absorbance	Plot Interval:	Absorbance
Measurement Mode:	Personal	Measurement Mode:	Personal
Method Security:	On	Method Security:	On
Auto-Scale:	-0.3	Auto-Scale:	-0.3
Y-Axis Minimum:	3.0	Y-Axis Minimum:	3.0
Y-Axis Maximum:	23:01:51 17/11/25	Y-Axis Maximum:	23:01:51 17/11/25
Baseline:		Baseline:	



Performing Analyst Initial & Date: 19 November 2025

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