Analytical Formulations, Inc.
Premiere Consulting & Lab Services since 2008
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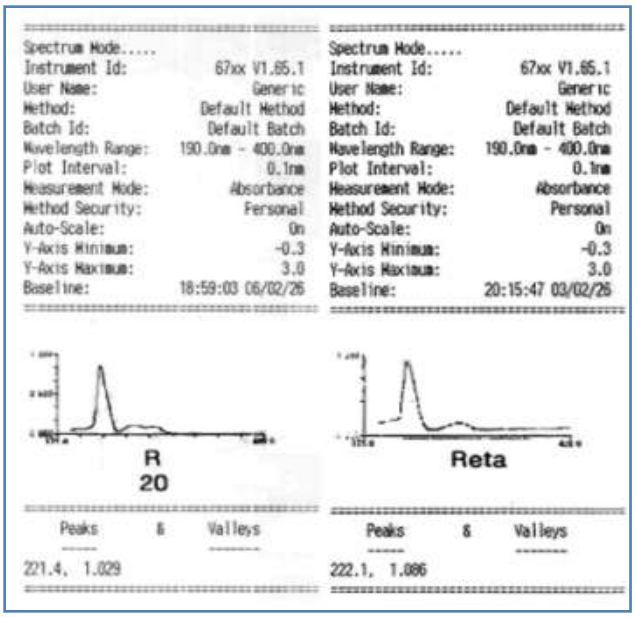
- Summary Report -

Test Product:	**Retatrutide 20mg**	**Receive Date:**	05-29-26
Client:	**Ten23 Labs**	**Batch/Lot #:**	N/A
Description:	3ml clear glass vials (2) of white lyophilized powder. (Clear caps / Gold crimps)	**Manufacturer:**	N/A

COMPONENT	TEST	SPECIFICATION	RESULT
Retatrutide	**Qualitative ID** Lambda Max	TS λ_{max} is a match compared to its characteristic reference standard.	**Matches** ∴ **Pass**
	Percent Purity Correlation Coefficient	NLT 98% $r_{xy} = \frac{\sum_{i=1}^{n}(x_i - \bar{x}) \cdot (y_i - \bar{y})}{\sqrt{\sum_{i=1}^{n}(x_i - \bar{x})^2} \cdot \sqrt{\sum_{i=1}^{n}(y_i - \bar{y})^2}}$	**99.7%** ∴ **Pass**
	Quantitative Assay Beer-Lambert	NLT 95% label claim (mg/vial) % = (A_{TS}/A_{STD}) x (C_{STD}/C_{TS}) x 100	**20.89mg** ∴ **Pass**
	Heavy Metals	NMT 10ppb Combined Metals including Pb, Cd, Hg, Ni, Fe & Co	**<50** ∴ **Pass**

Tested on a Jenway 6715 UV/Vis Spectrophotometer.

Discussion:
Sample received sealed and in good condition.



Performing Analyst **Initial & Date:** 16 June 2026

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