



Report #:

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Title:

## Certificate of Analysis (CoA)

**Date:** 4/20/2026**Date Tested:****Customer:**

Apex Lab-BW Compounds

**Testing material:****Lot Number:** BWC-R5-89896**BT Sample ID:** 005000039656149**Labeled Peptide****Content/Potency:** 5 mg**Storage:** R.T.**Visual Description:** Small clear vial: white sample, white label, silver crimp, yellow plastic cap.**Labeled as:** Retatrutide**Manufacturer:** N/A**Testing Purpose:** FTIR and HPLC analysis for the identification, purity, potency and composition of a peptide product. It does not provide information on particulate matter, microbial contamination or presence of endotoxins.

| Test                                         | Method        | Specification                                                                  | Result                                                                                           |
|----------------------------------------------|---------------|--------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|
| General Appearance                           | USP<br><630>  | white powder                                                                   | white powder                                                                                     |
| Mass                                         | USP<br><41>   | As recorded                                                                    | 64.3 mg                                                                                          |
| FTIR Identification and Composition Analysis | USP<br><197A> | Sample spectrum should confirm the content of peptide via characteristic bands | FTIR sample spectrum confirms the presence of Retatrutide with addition of excipient(s)/fillers. |
| HPLC Purity of Peptide Assay                 | USP<br><621>  | Specifications: $\geq 98\%$                                                    | 99.4 %                                                                                           |
| HPLC Potency Assay                           | USP<br><621>  | Specifications: 90 – 110% of 5 mg                                              | 4.9 mg (98.8 %)                                                                                  |
| Peptide-to-Excipients Ratio                  | USP<br><1151> | Recommended ratios of (1:2) to (1:10) for (peptide: excipients)                | 4.9 : 59.4 mg (1:12)                                                                             |

The results of the CoA relate only to the item(s) tested and applied to the sample as received.

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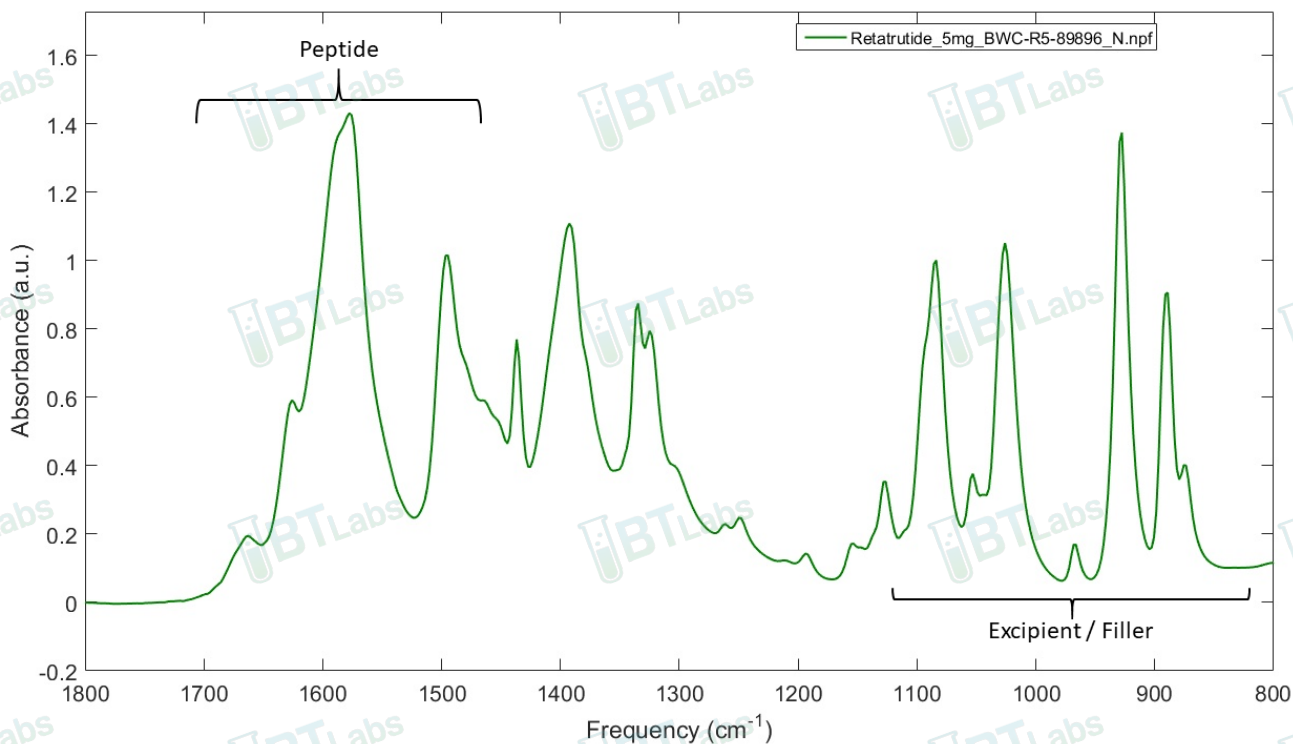
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## Certificate of Analysis (CoA)



### FTIR ID and Composition Analysis: Retatrutide Lot BWC-R5-89896



### HPLC Purity and Potency Assay @ 280 nm: Retatrutide Lot BWC-R5-89896



#### Retatrutide Lot BWC-R5-89896 @ 280 nm

| Peak #: | Retention Time (min) | Area (mAU*s) |
|---------|----------------------|--------------|
| 1       | 9.974                | 394.9        |