



Report #:

COA261043-004

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Title:

## Certificate of Analysis (CoA)



**Date:** 8/10/2026  
**Date Tested:** 8/7/2026  
**Customer:** PepNova Labs  
**Testing material:** Retatrutide  
**Lot Number:** RT30-LP-71826  
**Content/Potency:** 30 mg  
**Storage:** R.T.  
**Visual Description:** Small clear vial: white sample, white label, silver crimp, black plastic cap.  
**Labeled as:** Retatrutide  
**Manufacturer:** PepNova Labs  
**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.



BT Labs

| Test                                         | Method        | Specification                                                                  | Result                                                                                           |
|----------------------------------------------|---------------|--------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|
| General Appearance                           | USP<br><630>  | white powder                                                                   | white powder                                                                                     |
| Mass                                         | USP<br><41>   | As recorded                                                                    | 80.1 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: $\geq 98\%$                                                    | 99.7 %                                                                                           |
| HPLC Potency Assay                           | USP<br><621>  | Specifications: 90 – 110% of 30 mg                                             | 31.6 mg (105.5 %)                                                                                |
| Peptide-to-Excipients Ratio                  | USP<br><1151> | Recommended ratios of (1:2) to (1:10) for (peptide: excipients)                | 31.6 : 48.5 mg (1:1.5)                                                                           |

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

Andrea Castro, BS  
Scientist-II  
BTLabs

Escarlet Cabrieles, BS  
Scientist-II  
BTLabs

5601 Corporate Way | Suite 206 | West Palm Beach, FL 33407

Phone: (561) 625-0133

E-mail: [info@btlabtesting.com](mailto:info@btlabtesting.com) | Website: <https://btlabtesting.com>

IF - 824 - QSA - TR006

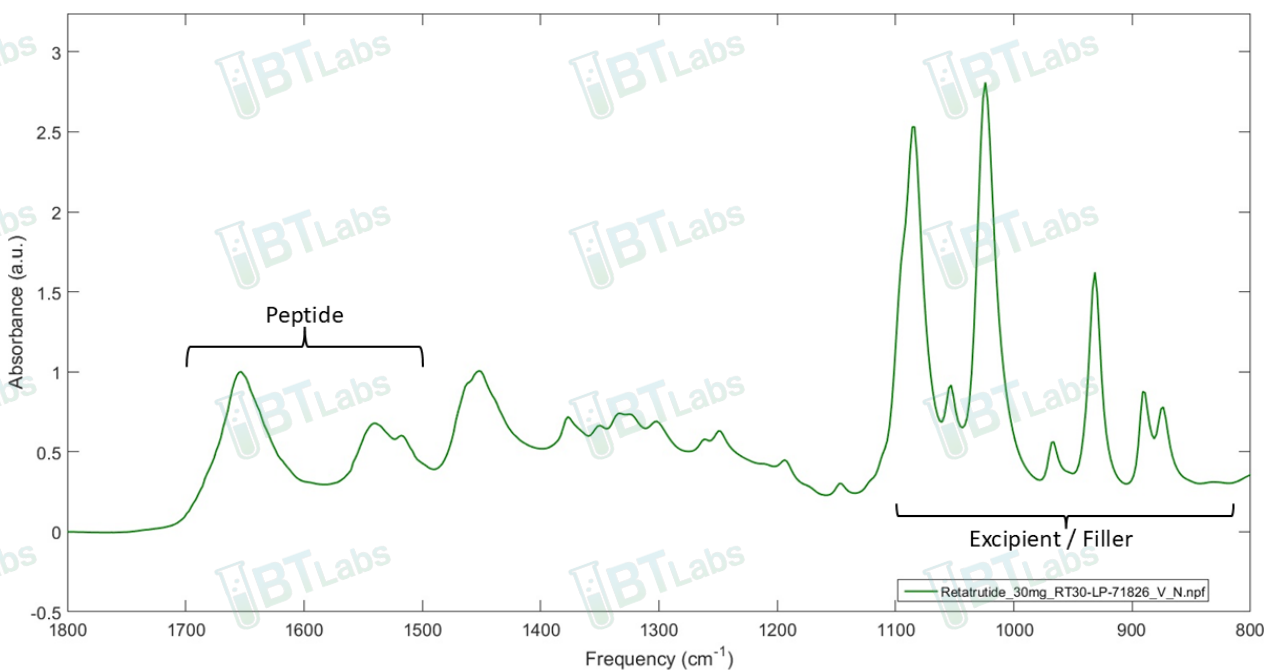
Rev 1.0 January 2025



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### FTIR ID and Composition Analysis: Retatrutide Lot RT30-LP-71826



### HPLC Purity and Potency Assay @ 280 nm: Retatrutide Lot RT30-LP-71826



| Retatrutide Lot RT30-LP-71826 @ 280 nm |                      |              |
|----------------------------------------|----------------------|--------------|
| Peak #:                                | Retention Time (min) | Area (mAU*s) |
| 1                                      | 10.093               | 2021.4       |