Title:

# Certificate of Analysis (CoA)

**Date:** 11/14/2026
**Date Tested:** 11/11/2026
**Customer:** Pure Lab Peptides
**Testing material:** Retatrutide
**Lot Number:** 72101
**Sample ID:** BTL262262-024
**Content/Potency:** 50 mg
**Storage:** R.T.
**Visual Description:** Small clear vial: white sample, white label, silver crimp, yellow plastic cap.
**Labeled as:** Retatrutide
**Manufacturer:** PureLabPeptides.com
**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 <630> | white powder | white powder |
| **Mass** | USP <41> | As recorded | 103.1 mg |
| **FTIR Identification and Composition Analysis** | USP <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 <621> | Specifications: ≥ 98 % | 99.9 % |
| **HPLC Potency Assay** | USP <621> | Specifications: 90 – 110% of 50 mg | 51.1 mg (102.2 %) |
| **Peptide-to-Excipients Ratio** | USP <1151> | Recommended ratios of (1:0) to (1:10) for (peptide: excipients) | 51.1 : 52 mg (1:1) |

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

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Scientist-II
BTLabs

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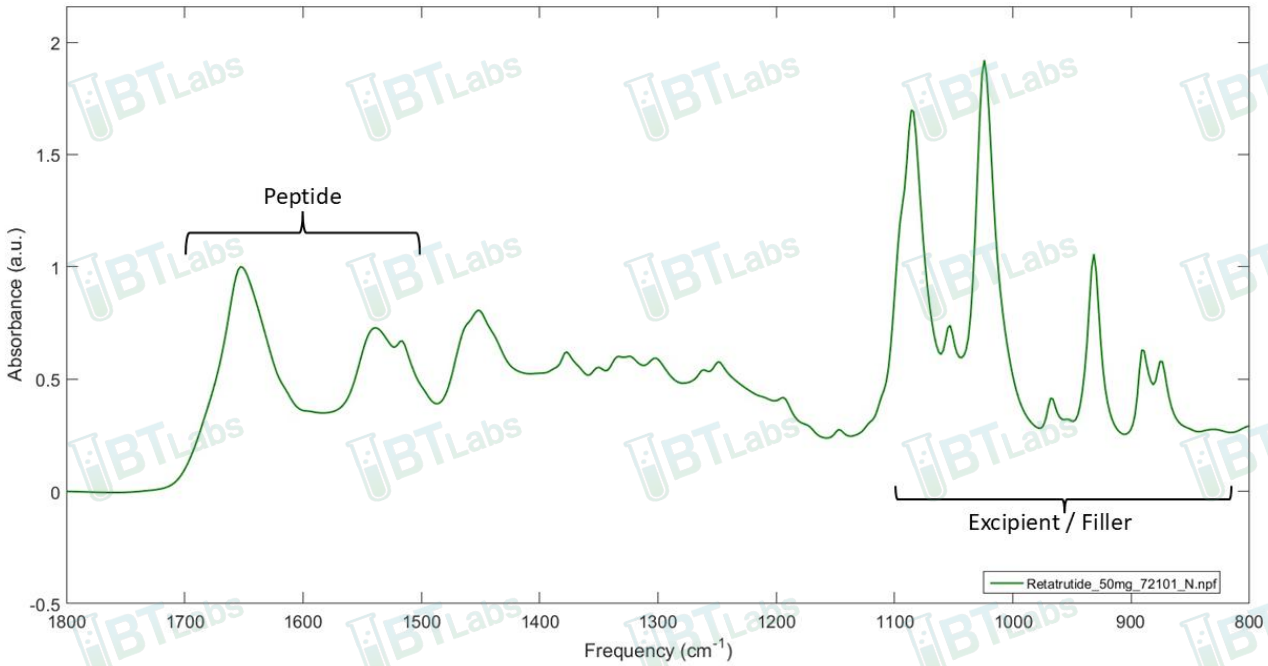
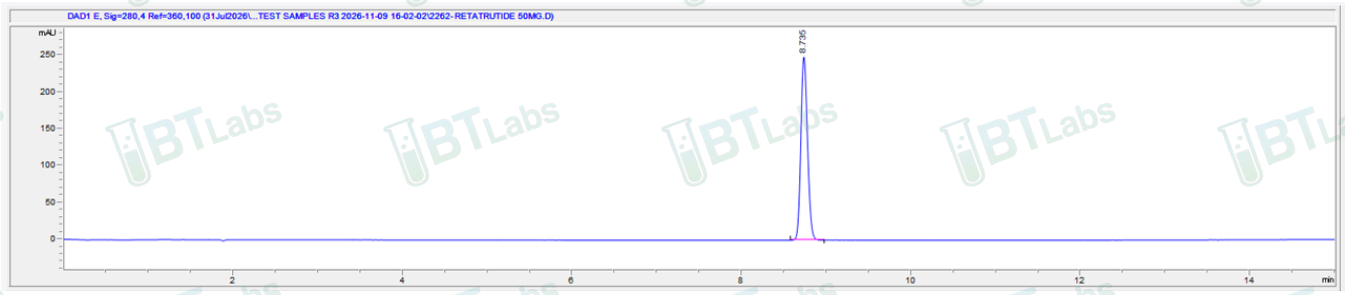
## FTIR ID and Composition Analysis: Retatrutide Lot 72101




## HPLC Purity and Potency Assay @ 280 nm: Retatrutide Lot 72101




| Retatrutide Lot 72101 @ 280 nm | | |
|---|---|---|
| Peak #: | Retention Time (min) | Area (mAU*s) |
| 1 | 8.735 | 1352.3 |