



Report #:

IF-824-QSA-TR006-BTL26480-01

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Title:

Certificate of Analysis (CoA)

Date: 5/20/2026**Date Tested:** 5/18/2026**Customer:** Double Helix Labs**Testing material:** Retatrutide**Lot Number:** RT001**BT Sample ID:** 005000040077220**Labeled Peptide****Content/Potency:** 15 mg**Storage:** R.T.**Visual Description:** Small clear vial: white sample, silver holographic label, black crimp, clear plastic cap.**Labeled as:** DH-RT**Manufacturer:** HK**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	60.1 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: $\geq 98\%$	99.7 %
HPLC Potency Assay	USP <621>	Specifications: 90 – 110% of 15 mg	17 mg (113.2 %)
Peptide-to-Excipients Ratio	USP <1151>	Recommended ratios of (1:2) to (1:10) for (peptide: excipients)	17 : 43.1 mg (1:2.5)

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

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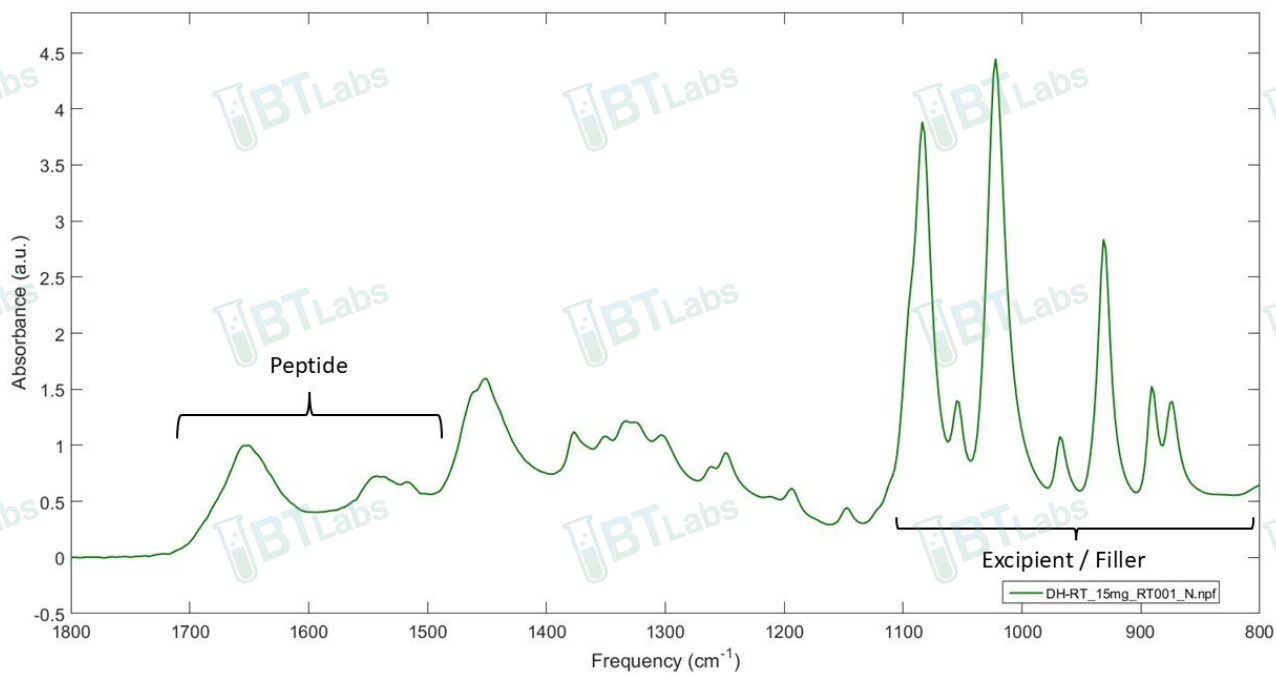
Rev 1.0 January 2025

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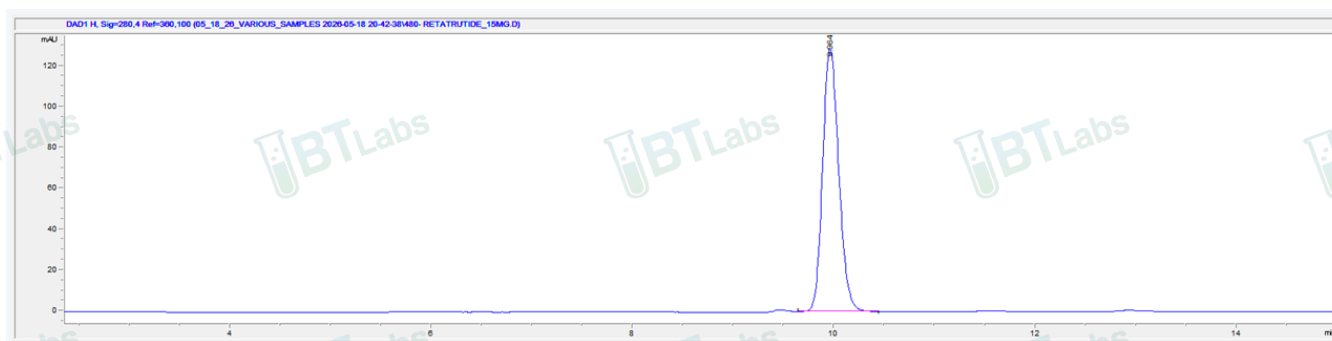
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FTIR ID and Composition Analysis: DH-RT Lot RT001



HPLC Purity and Potency Assay @ 280 nm: DH-RT Lot RT001



Retatrutide Lot RT001 @ 280 nm

Peak #:	Retention Time (min)	Area (mAU*s)
1	9.964	1431.7