



Report #:

IF-824-QSA-TR006-2026-35-34

Page 1 of 2

Title:

## Certificate of Analysis (CoA)

**Date:** 1/28/2026  
**Date Tested:** 1/26/2026  
**Customer:** Finnrick  
**Testing material:** Retatrutide  
**Lot Number:** EMY3DEX  
**BT Sample ID:** 005000038579329  
**Labeled Peptide**  
**Content/Potency:** 10 mg  
**Storage:** R.T.  
**Visual Description:** small clear vial: white sample, white label, silver crimp, dark blue 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
<b>General Appearance</b>	USP <630>	White powder	White powder
<b>Mass</b>	USP <41>	As recorded	68 mg
<b>FTIR Identification and Composition Analysis</b>	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 such as mannitol.
<b>HPLC Purity of Peptide Assay</b>	USP <621>	Specifications: ≥ 98 %	99.8 %
<b>HPLC Potency Assay</b>	USP <621>	Specifications: 95 – 105% of 10 mg	8.9 mg (88.8 %)

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

\_\_\_\_\_  
 Andrea Castro, AS  
 Scientist-I  
 BTLabs

\_\_\_\_\_  
 Verna Zheng, AS  
 Scientist-I  
 BTLabs

5730 Corporate Way | Suite 220 | 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



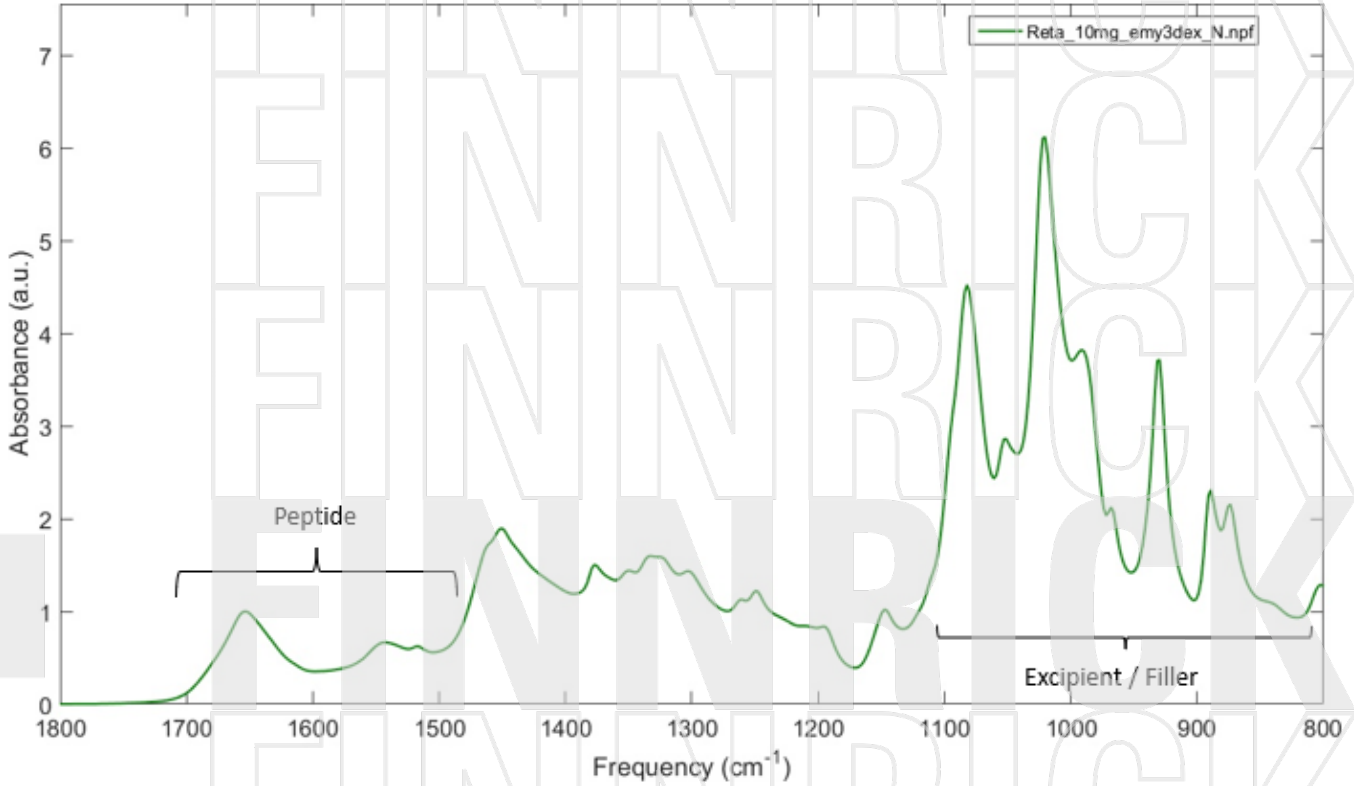
**Report #:**  
 IF-824-QSA-TR006-2026-35-34

Page 2 of 2

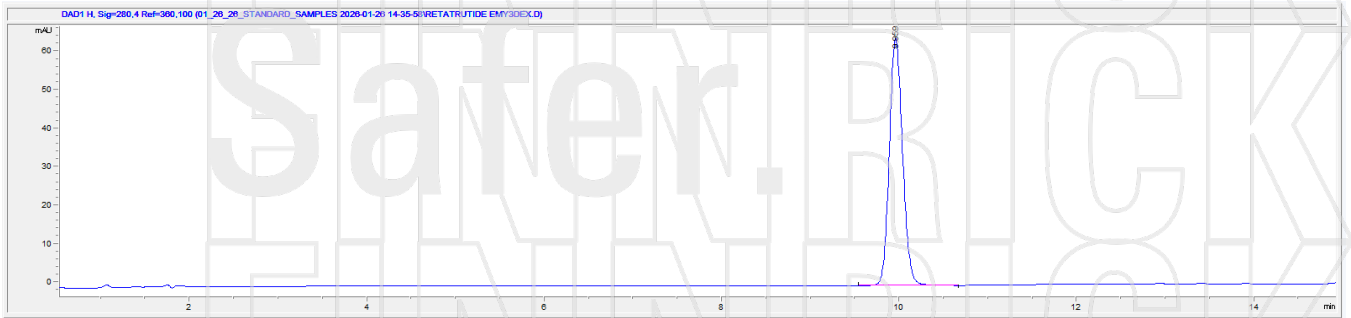
Title:

## Certificate of Analysis (CoA)

### FTIR ID and Composition Analysis: Retatrutide Lot EMY3DEX



### HPLC Purity and Potency Assay @ 280 nm: Retatrutide Lot EMY3DEX



<b>Retatrutide Lot EMY3DEX @ 280 nm</b>		
Peak #:	Retention Time (min)	Area (mAU*s)
1	9.959	669.9

5730 Corporate Way | Suite 220 | West Palm Beach, FL 33407  
 Phone: (561) 625-0133  
 E-mail: [info@btlabtesting.com](mailto:info@btlabtesting.com) | Website: <https://btlabtesting.com>