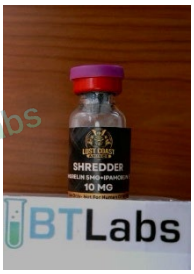
Title:

Certificate of Analysis (CoA)

Date: 3/12/2026
Date Tested: 3/11/2026
Customer: Lost Coast Aminos
Testing material: Tesamorelin Ipamorelin
Lot Number: LCA0326SRED10
BT Sample ID: 005000039217478
Labeled Peptide Content/Potency: 10 mg
Storage: R.T.
Visual Description: clear vial: white sample, black label, red crimp, purple plastic cap.
Labeled as: Shredder
Manufacturer: LCA 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.



Test	Method	Specification	Result
General Appearance	USP <630>	white powder	white powder
Mass	USP <41>	As recorded	72.4 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 Tesamorelin Ipamorelin 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 10 mg	Ipamorelin 5.4 mg (54.4 %) Tesamorelin 6.5 mg (64.9 %)
Peptide-to-Excipients Ratio	USP <1151>	Recommended ratios of (1:2) to (1:10) for (peptide: excipients)	11.9 : 60.5 mg (1:5.1)

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

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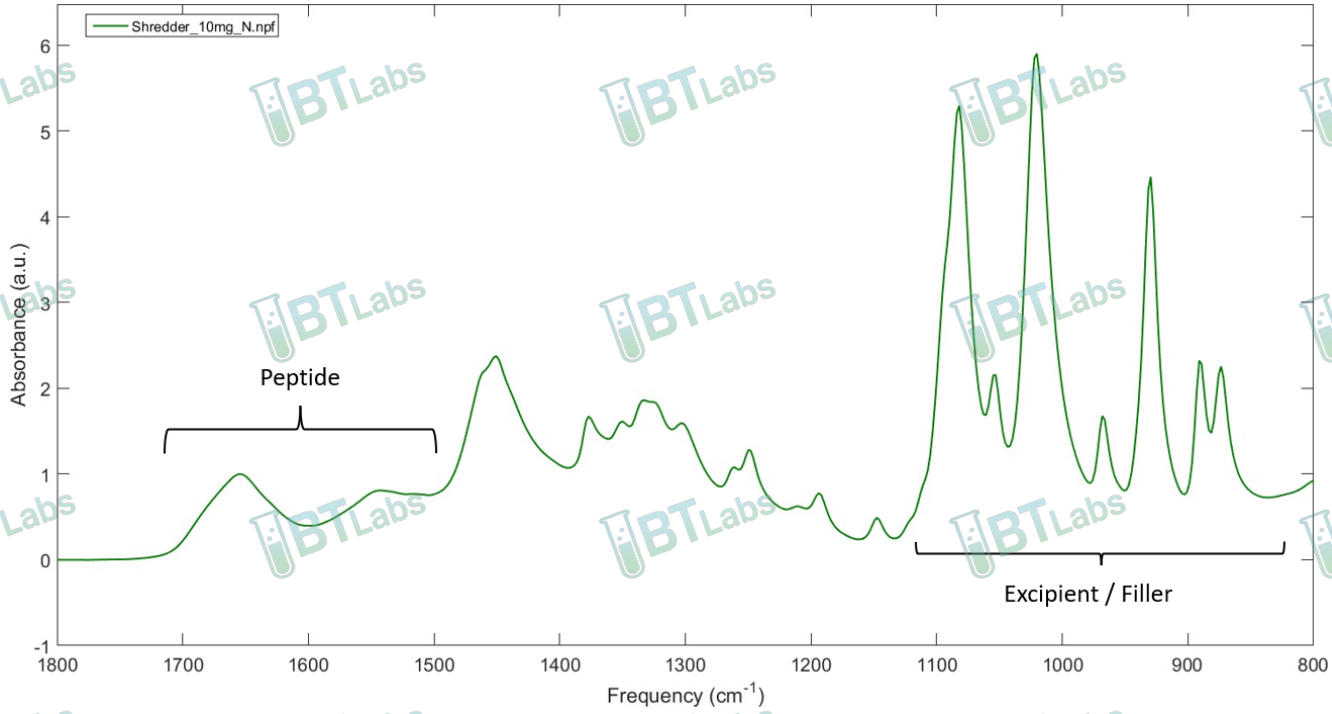
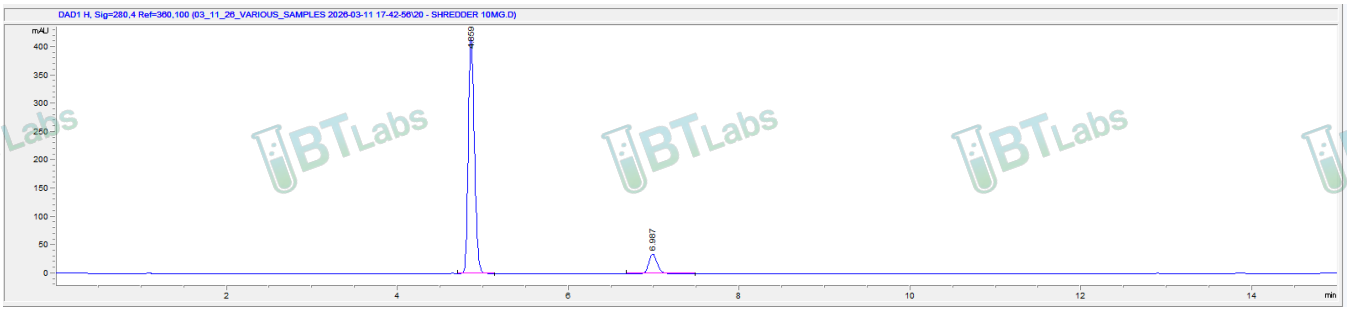
FTIR ID and Composition Analysis: Shredder Lot LCA0326SRED10



HPLC Purity and Potency Assay @ 280 nm: Shredder Lot LCA0326SRED10



Tesamorelin Ipamorelin Lot LCA0326SRED10 @ 280 nm		
Peak #:	Retention Time (min)	Area (mAU*s)
1	4.9	2109.3
2	6.987	231.6

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