



Title:

Certificate of Analysis (CoA)

Date: 5/1/2026
Date Tested: 5/27/2026
Customer: Peptides Optimized LLC
Testing material: Cagrilintide
Lot Number: CG0450
BT Sample ID: 005000039455033
Labeled Peptide Content/Potency: 5 mg
Storage: R.T.
Visual Description: Small clear vial: white sample, pink label, silver crimp, clear plastic cap.
Labeled as: Cagrilintide
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
General Appearance	USP <630>	white powder	white powder
Mass	USP <41>	As recorded	87.4 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 Cagrilintide with addition of excipient(s)/fillers.
HPLC Purity of Peptide Assay	USP <621>	Specifications: $\geq 98\%$	99.8 %
HPLC Potency Assay	USP <621>	Specifications: 90 – 110% of 5 mg	5 mg (100.3 %)
Peptide-to-Excipients Ratio	USP <1151>	Recommended ratios of (1:2) to (1:10) for (peptide: excipients)	5 : 82.4 mg (1:16.4)

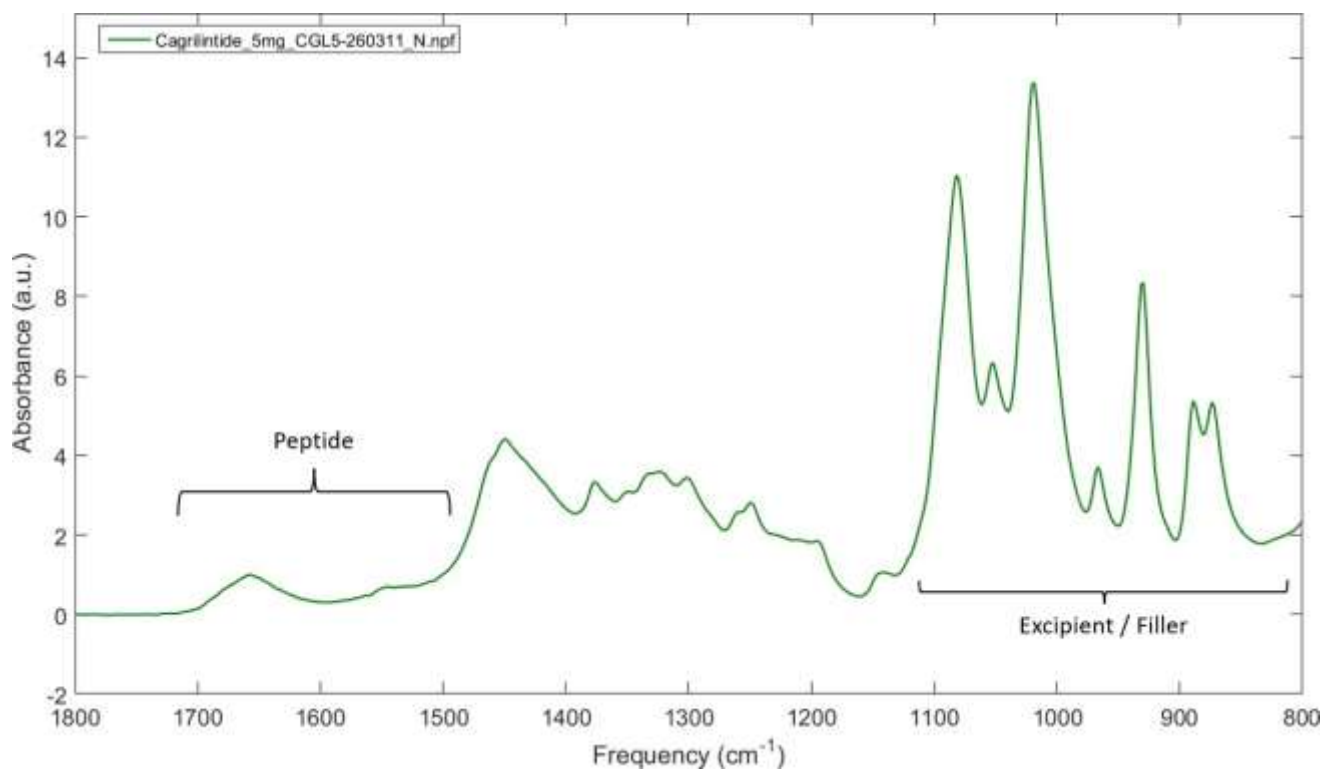
The results of the CoA relate only to the item(s) tested and applied to the sample as received.

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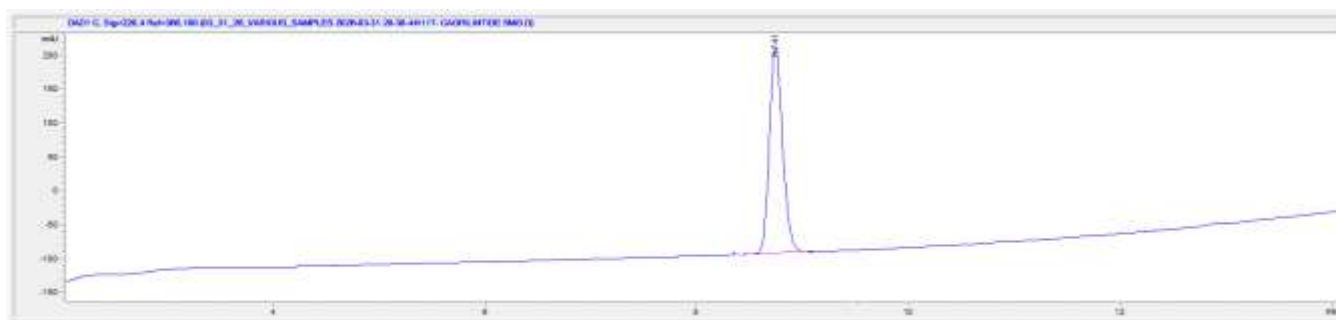
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FTIR ID and Composition Analysis: Cagrilintide Lot CG0450



HPLC Purity and Potency Assay @ 280 nm: Cagrilintide Lot CG0450



Cagrilintide Lot CG0450 @ 280 nm

Peak #:	Retention Time (min)	Area (mAU*s)
1	8.741	2636.5



COA#:

1547673

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Test	Method	Specification	Result
Bacterial Endotoxins Test	USP <85>	40 EU/vial reconstituted	PASS

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

Bacterial Endotoxins Test Cagrilintide Lot CG0450

Sample ID	Description	Volume (mL)	Endotoxin Limit (EU/vial)	Lysate Sensitivity (λ , EU/mL)	Result
CG0450	Cagrilintide	3	40 EU/vial	0.25	5.7 EU/vial

The sample passed a valid gel clot endotoxin test based on the type, mode of administration and dosage.