



Report #:

COA261620-002

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Title:

Certificate of Analysis (CoA)



Date:

Date Tested:

Customer:

Testing material:

Lot Number:

Sample ID:

Content/Potency:

Storage:

Visual Description:

Labeled as:

Manufacturer:

Testing Purpose:

9/26/2026

9/24/2026

Encore Aminos

ARA-290

VB AH CG AJ

BTL261620-002

10 mg

R.T.

Small clear vial: white sample, white label, silver crimp, black plastic cap.

ARA-290

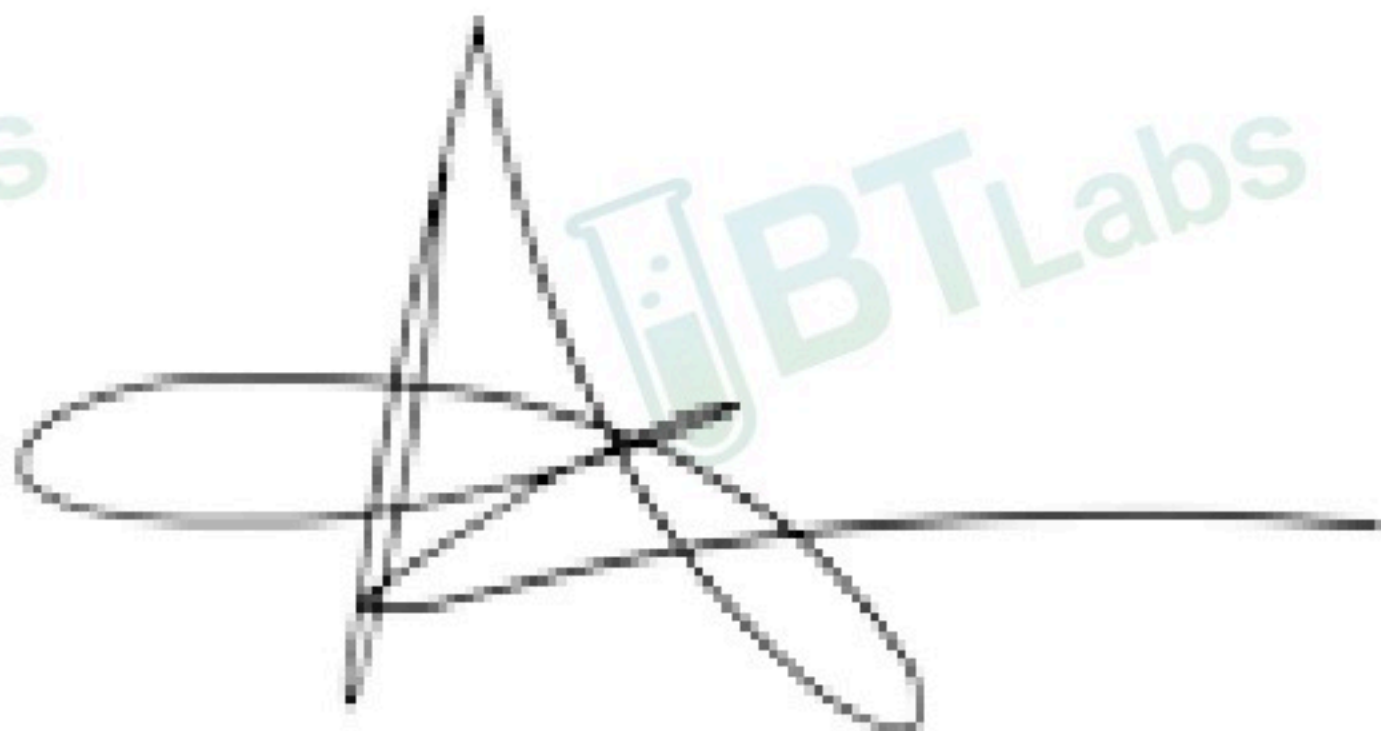
Encore Aminos

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.

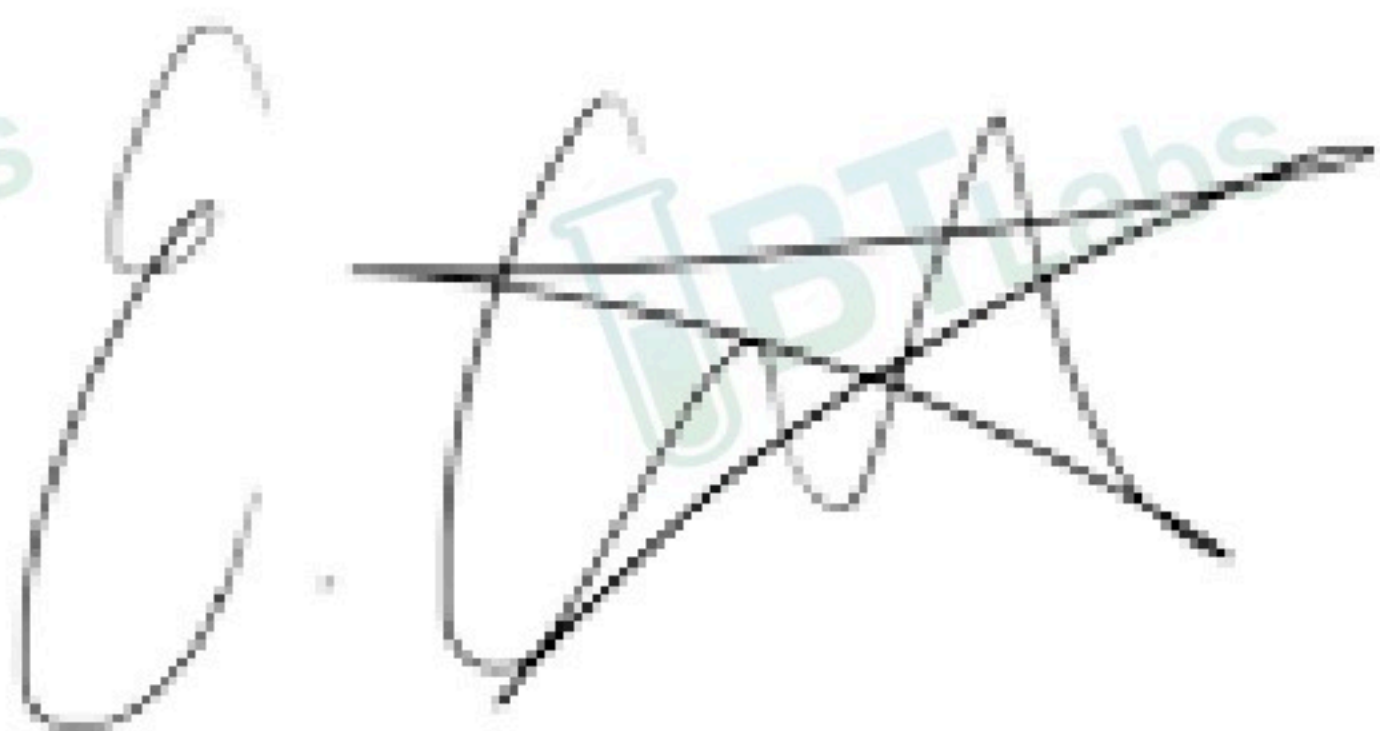


Test	Method	Specification	Result
General Appearance	USP <630>	white powder	white powder
Mass	USP <41>	As recorded	123.5 mg
FTIR Identification and Composition Analysis	USP <197A>	Sample spectrum should confirm the content of peptide via characteristic bands	FTIR sample spectrum confirms the presence of ARA-290 with addition of excipient(s)/fillers.
HPLC Purity of Peptide Assay	USP <621>	Specifications: $\geq 98\%$	99.4 %
HPLC Potency Assay	USP <621>	Specifications: 90 – 110% of 10 mg	12.5 mg (125.3 %)
Peptide-to-Excipients Ratio	USP <1151>	Recommended ratios of (1:0) to (1:10) for (peptide: excipients)	12.5 : 111 mg (1:8.9)

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



Andrea Castro, BS
Scientist-II
BTLabs



Escarlet Cabrieles, BS
Scientist-II
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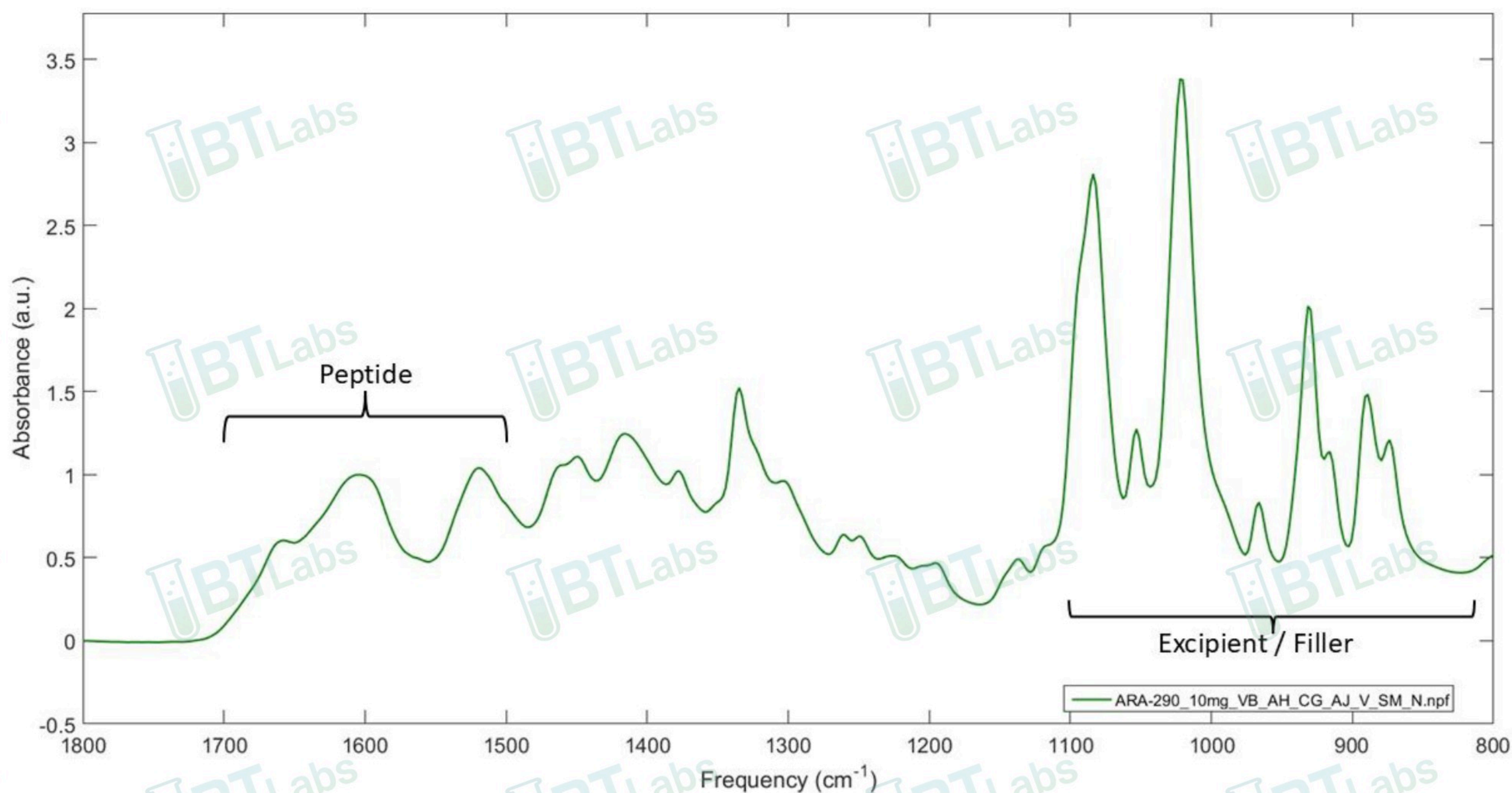
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Title:

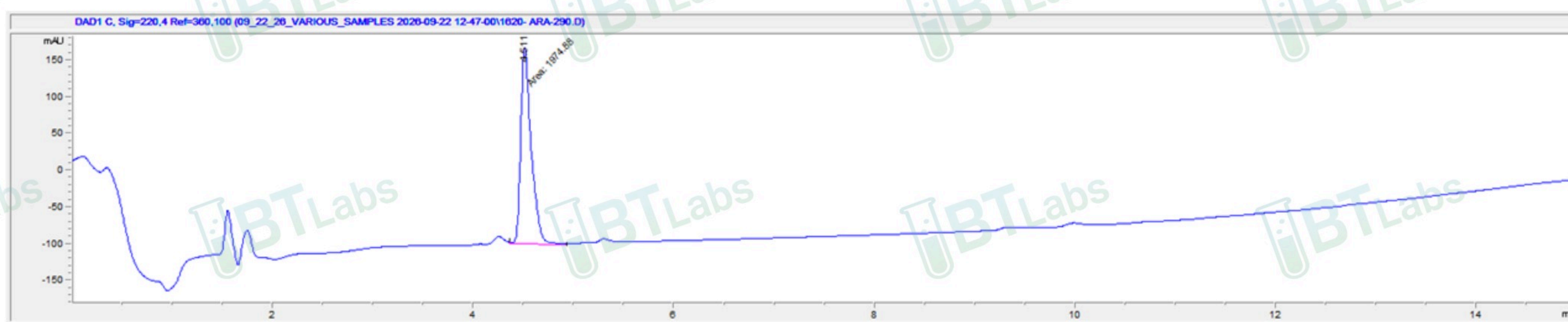
Certificate of Analysis (CoA)



FTIR ID and Composition Analysis: ARA-290 Lot VB AH CG AJ



HPLC Purity and Potency Assay @ 220 nm: ARA-290 Lot VB AH CG AJ



ARA-290 Lot VB AH CG AJ @ 220 nm

Peak #:	Retention Time (min)	Area (mAU*s)
1	4.511	1974.9