Title:

Certificate of Analysis (CoA)

Date: 7/16/2026
Date Tested: 7/15/2026
Customer: Pure Lab Peptides
Testing material: ARA-290
Lot Number: 12183
BT Sample ID: 005000040854501
Labeled Peptide Content/Potency: 16 mg
Storage: R.T.
Visual Description: Small clear vial: white sample, white label, green crimp, clear purple plastic cap.
Labeled as: ARA-290
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	84.6 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: ≥ 98 %	99.7 %
HPLC Potency Assay	USP <621>	Specifications: 90 – 110% of 16 mg	16.8 mg (105.1 %)
Peptide-to-Excipients Ratio	USP <1151>	Recommended ratios of (1:2) to (1:10) for (peptide: excipients)	16.8 : 67.8 mg (1:4)

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

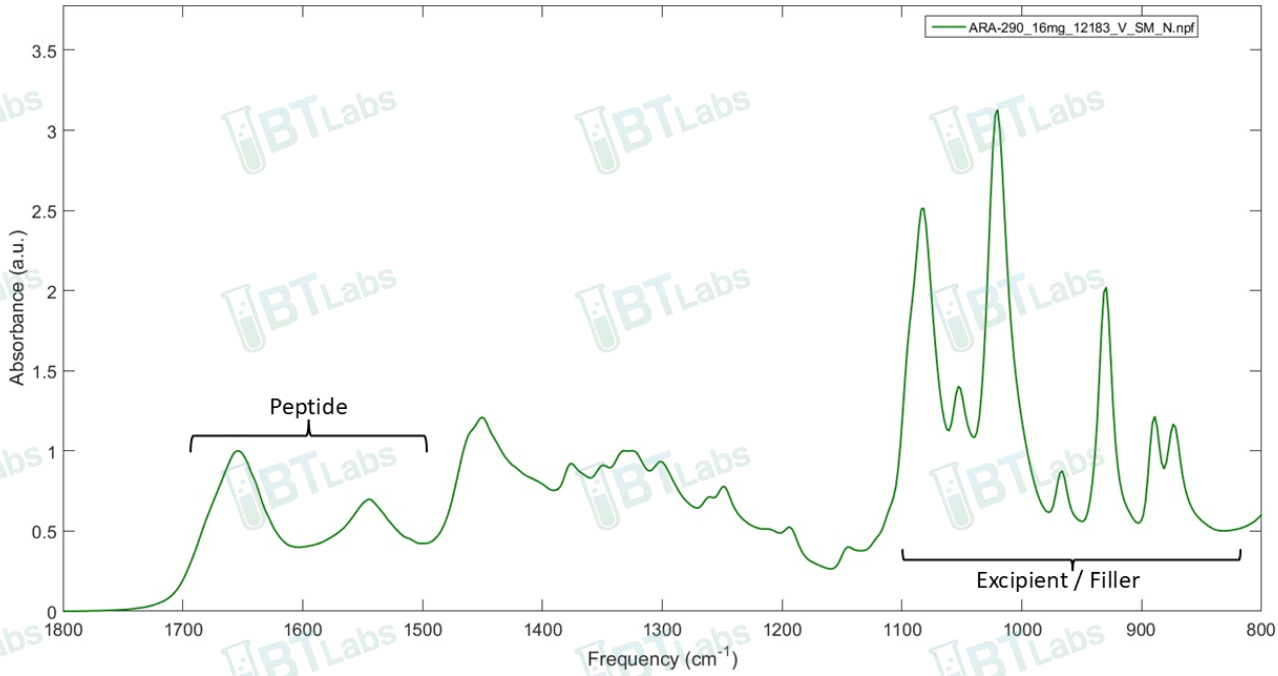
Andrea Castro, AS
Scientist-II
BTLabs

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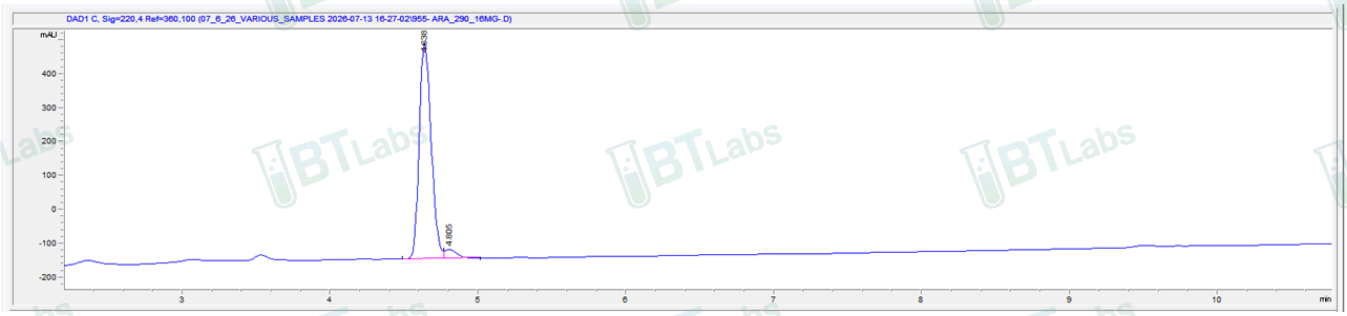
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FTIR ID and Composition Analysis: ARA-290 Lot 12183



HPLC Purity and Potency Assay @ 280 nm: ARA-290 Lot 12183



ARA-290 Lot 12183 @ 280 nm		
Peak #:	Retention Time (min)	Area (mAU*s)
1	4.638	3570.2

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