Title:

Certificate of Analysis (CoA)



Date: 3/19/2026
Date Tested: 3/18/2026
Customer: PureLab Peptides
Testing material: ARA-290
Lot Number: 20560
BT Sample ID: 005000039299294
Labeled Peptide Content/Potency: 16 mg
Storage: R.T.
Visual Description: small clear vial: white sample, white label, black crimp, pink plastic cap.
Labeled as: ARA-290
Manufacturer: PureLab Peptides
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 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	16.3 mg (101.8 %)
Peptide-to-Excipients Ratio	USP <1151>	Recommended ratios of (1:2) to (1:10) for (peptide: excipients)	16.3 : 55.7 mg (1:3.4)

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

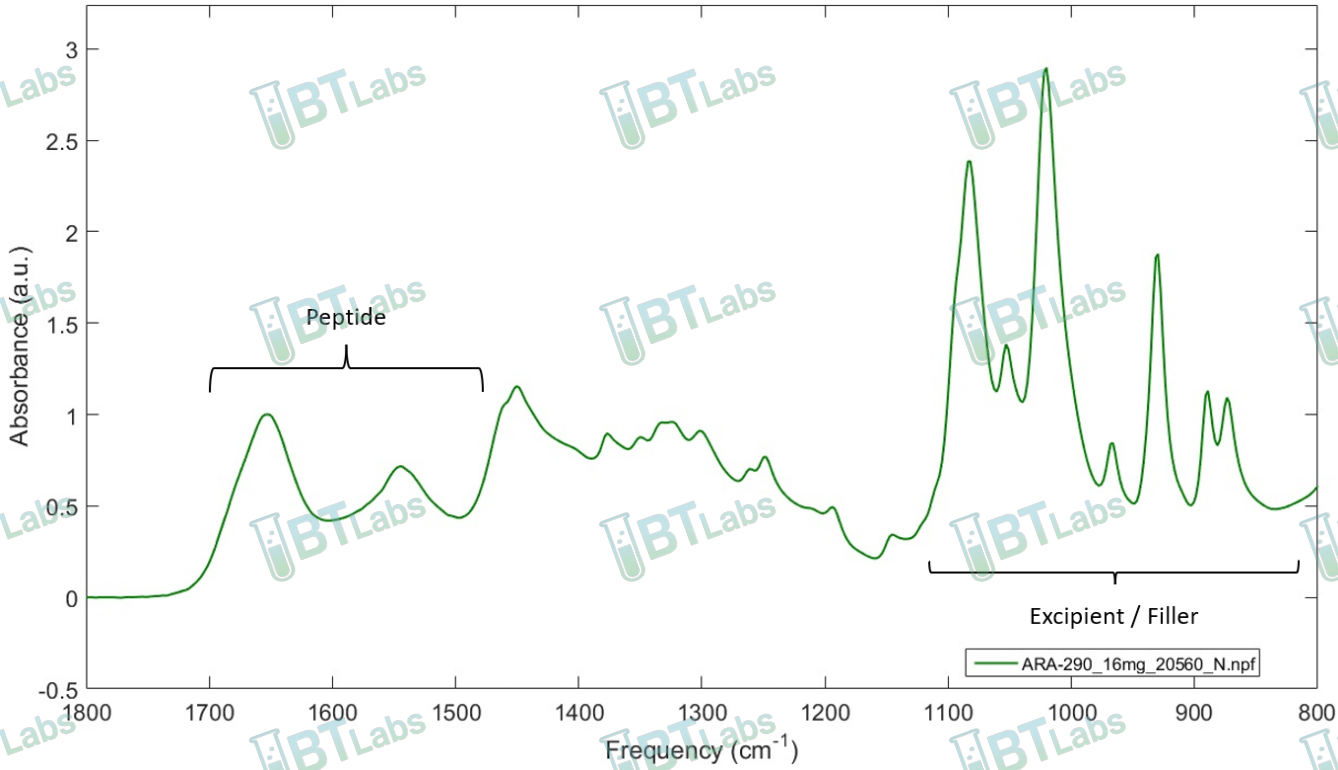
Andrea Castro, AS
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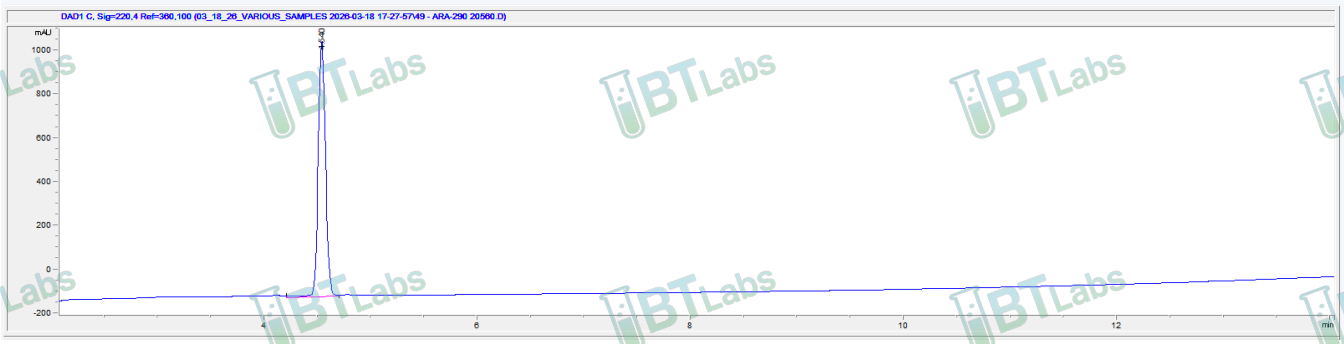
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FTIR ID and Composition Analysis: ARA-290 Lot 20560



HPLC Purity and Potency Assay @ 220 nm: ARA-290 Lot 20560



ARA-290 Lot 20560 @ 220 nm		
Peak #:	Retention Time (min)	Area (mAU*s)
1	4.54	5635.8

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