Title:

Certificate of Analysis (CoA)

Date: 9/18/2026
Date Tested: 9/18/2026
Customer: Pink Peptides LLC
Testing material: AICAR
Lot Number: PP-AR50-0001
Sample ID: BTL260903-026-017
Content/Potency: 50 mg
Storage: R.T.
Visual Description: Large clear vial: white sample, white label, silver crimp, grey plastic cap.
Labeled as: AICAR
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	132.7 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 AICAR 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 50 mg	51.2 mg (102.4 %)
Peptide-to-Excipients Ratio	USP <1151>	Recommended ratios of (1:0) to (1:10) for (peptide: excipients)	102.4 : 81.5 mg (1:1.6)

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

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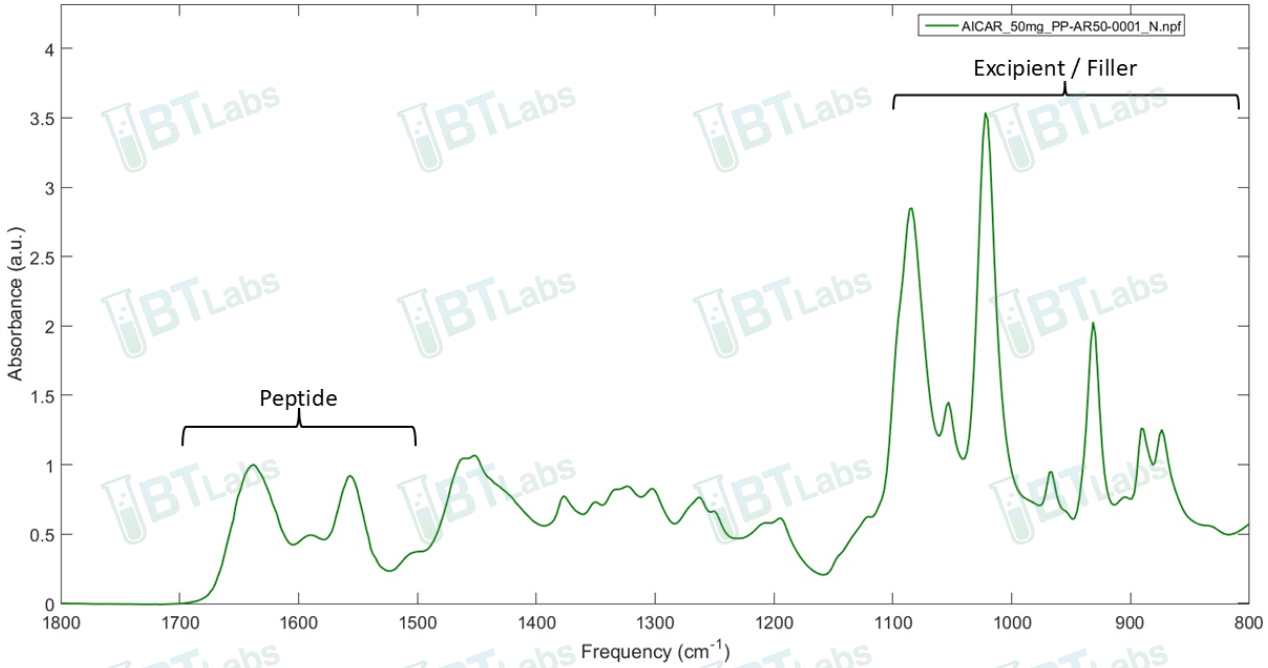
FTIR ID and Composition Analysis: AICAR Lot PP-AR50-0001



HPLC Purity and Potency Assay @ 220 nm: AICAR Lot PP-AR50-0001



AICAR Lot PP-AR50-0001 @ 220 nm		
Peak #:	Retention Time (min)	Area (mAU*s)
1	1.614	23616

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