

Title:

Certificate of Analysis (CoA)



Date: 7/3/2026
Date Tested: 7/1/2026
Customer: AtoZ Research
Testing material: 5-Amino
Lot Number: A2Z-5A1MQ-0000001
BT Sample ID: 005000040649562
Labeled Peptide Content/Potency: 10 mg
Storage: R.T.
Visual Description: Small clear vial: orange sample, holographic label, silver crimp, orange plastic cap.
Labeled as: 5-Amino
Manufacturer: Peptide Biotech
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>	orange powder	orange powder
Mass	USP <41>	As recorded	59.4 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 5-Amino with addition of excipient(s)/fillers.
HPLC Purity of Peptide Assay	USP <621>	Specifications: $\geq 98\%$	99.7 %
HPLC Potency Assay	USP <621>	Specifications: 90 – 110% of 10 mg	10.4 mg (104.3 %)
Peptide-to-Excipients Ratio	USP <1151>	Recommended ratios of (1:2) to (1:10) for (peptide: excipients)	10.4 : 49 mg (1:4.7)

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



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IF-824-QSA-TR006

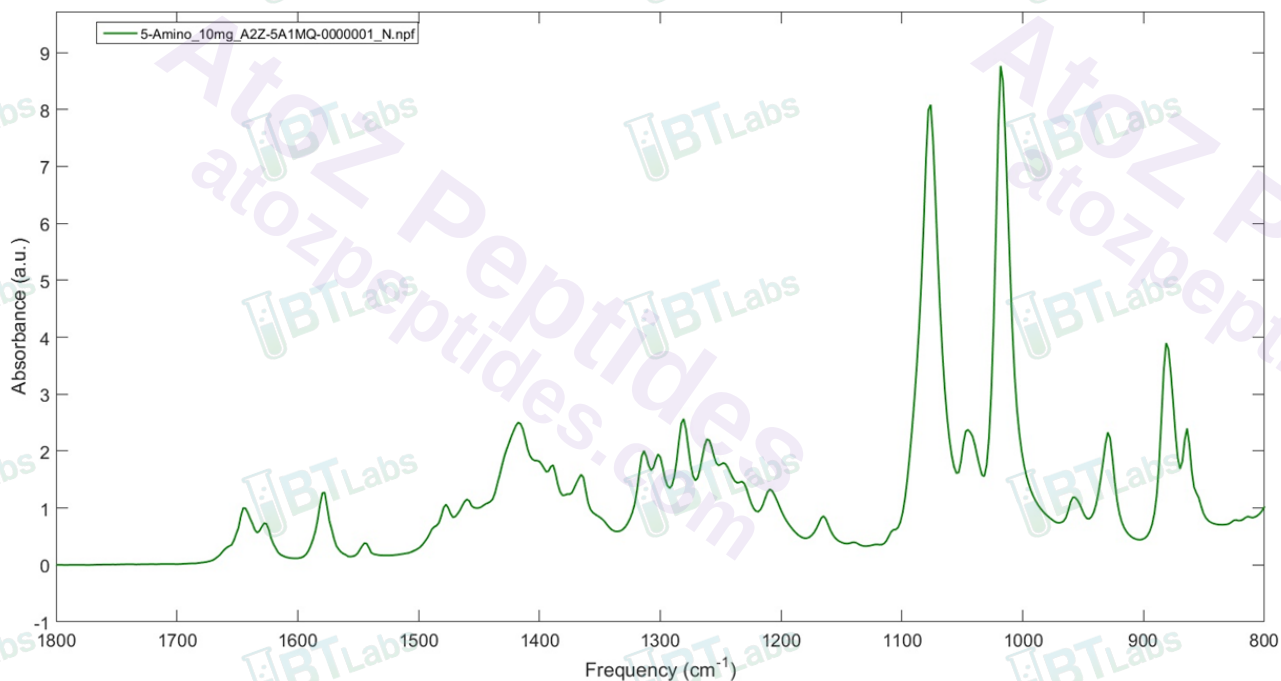
Rev 1.0 January 2025

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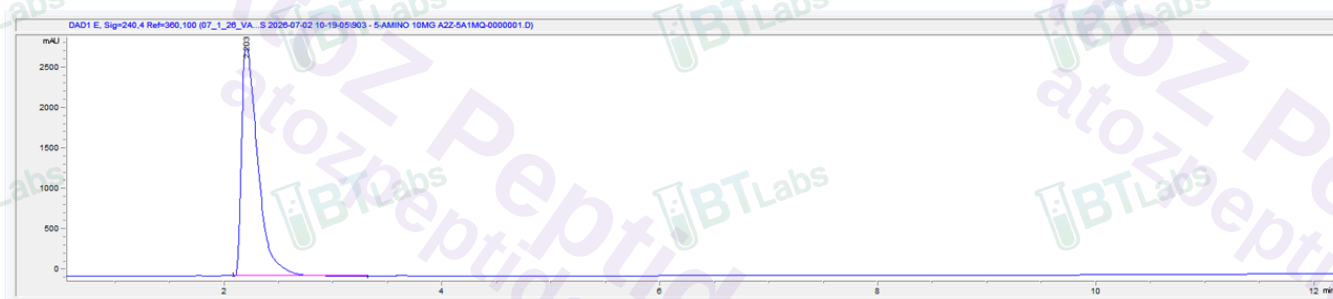
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FTIR ID and Composition Analysis: 5-Amino Lot A2Z-5A1MQ-0000001



HPLC Purity and Potency Assay @ 240 nm: 5-Amino Lot A2Z-5A1MQ-0000001



5-Amino Lot A2Z-5A1MQ-0000001 @ 240 nm

Peak #:	Retention Time (min)	Area (mAU*s)
1	2.203	29405

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