Title:

Certificate of Analysis (CoA)

Date: 9/19/2026
Date Tested: 9/18/2026
Customer: NeuroLabs Research
Testing material: 5-Amino 1MQ
Lot Number: 5AMINO-001
Sample ID: BTL260901-021-016
Content/Potency: 10 mg
Storage: R.T.
Visual Description: Small clear vial: orange sample, holographic label, silver crimp, dark blue plastic cap.
Labeled as: 5-Amino 1MQ
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>	orange powder	orange powder
Mass	USP <41>	As recorded	80.4 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 1MQ with addition of excipient(s)/fillers.
HPLC Purity of Peptide Assay	USP <621>	Specifications: ≥ 98 %	99.9 %
HPLC Potency Assay	USP <621>	Specifications: 90 – 110% of 10 mg	10.5 mg (105.3 %)
Peptide-to-Excipients Ratio	USP <1151>	Recommended ratios of (1:0) to (1:10) for (peptide: excipients)	10.5 : 69.9 mg (1:6.6)

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

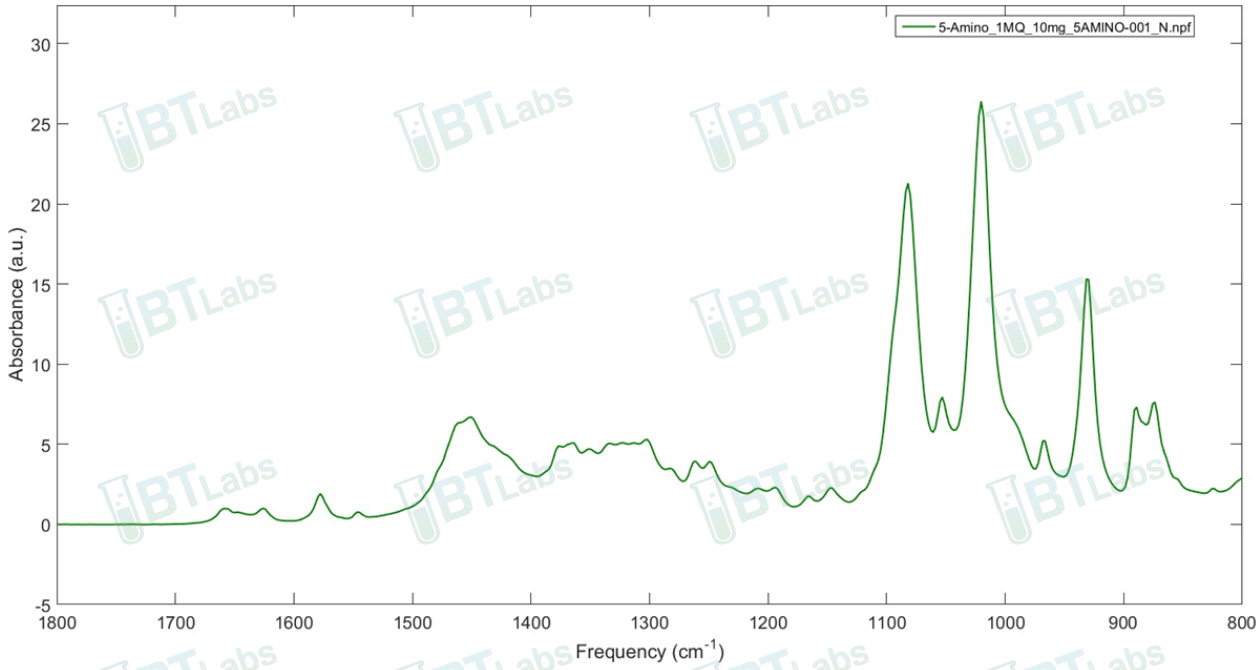
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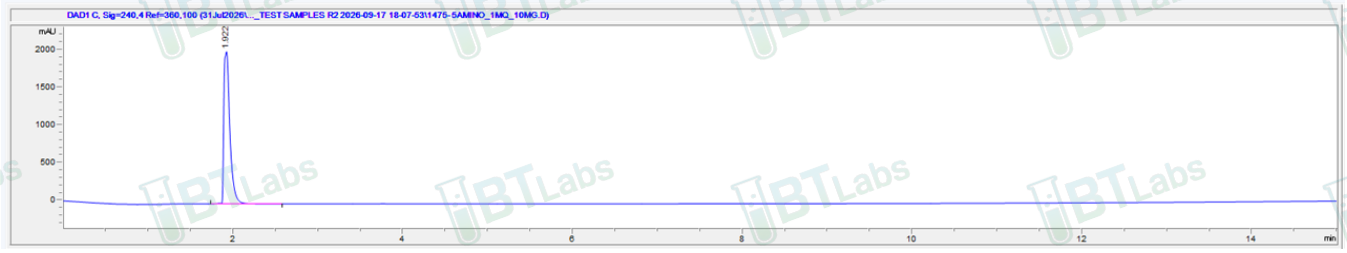
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FTIR ID and Composition Analysis: 5-Amino 1MQ Lot 5AMINO-001



HPLC Purity and Potency Assay @ 240 nm: 5-Amino 1MQ Lot 5AMINO-001



5-Amino 1MQ Lot 5AMINO-001 @ 240 nm		
Peak #:	Retention Time (min)	Area (mAU*s)
1	1.922	10042.2

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