Title:

Certificate of Analysis (CoA)

Date: 7/23/2026
Date Tested: 7/21/2026
Customer: Nickolas de Moraes
Testing material: 5-Amino 1MQ
Lot Number: unspecified
Content/Potency: 50 mg
Storage: R.T.
Visual Description: Small clear vial: orange sample, white label, silver crimp, clear pink 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	109.9 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 %	99.7 %
HPLC Potency Assay	USP <621>	Specifications: 90 – 110% of 50 mg	50.6 mg (101.3 %)
Peptide-to-Excipients Ratio	USP <1151>	Recommended ratios of (1:2) to (1:10) for (peptide: excipients)	50.6 : 59.3 mg (1:1.2)

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

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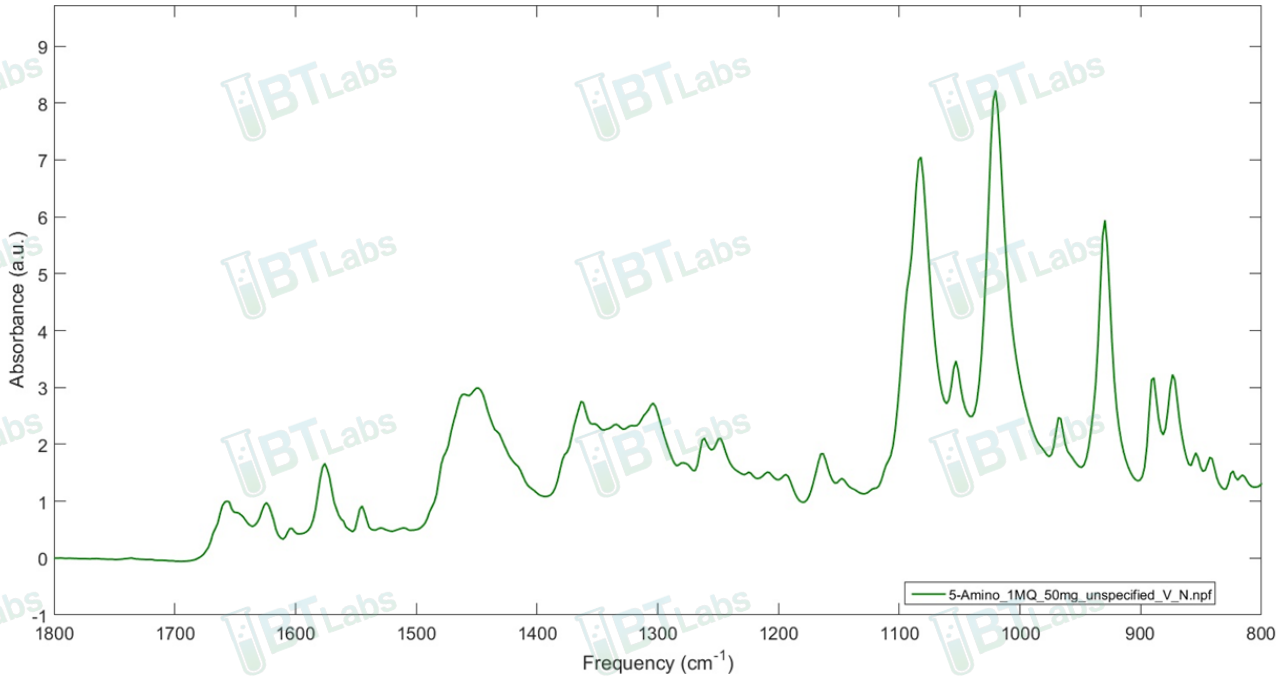
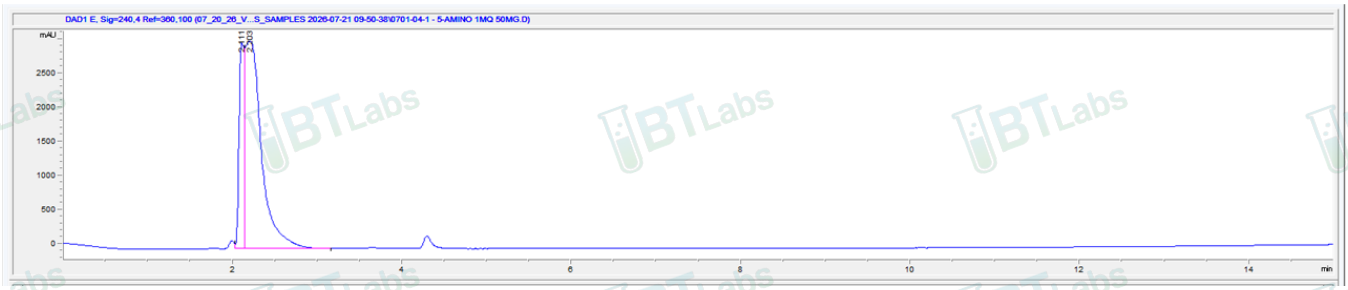
Title:

Certificate of Analysis (CoA)

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



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



5-Amino 1MQ Lot unspecified @ 240 nm		
Peak #:	Retention Time (min)	Area (mAU*s)
1	2.203	40172.8