

Title:

Certificate of Analysis (CoA)

Date: 1/6/2026
Date Tested: 1/6/2026
Customer: Pinnacle Peptide Labs
Testing material: 5-Amino 1MQ
Lot Number: Unspecified
BT Sample ID: 005000037965007
Labeled Peptide Content/Potency: 5 mg
Storage: R.T.
Visual Description: small clear vial: orange sample, black label, gold crimp, clear 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>	White powder	White powder
Mass	USP <41>	As recorded	59.5 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 peptide with addition of excipient(s)/fillers such as mannitol.
HPLC Purity of Peptide Assay	USP <621>	Specifications: $\geq 98\%$	99.8 %
HPLC Potency Assay	USP <621>	Specifications: 95 – 105% of 5 mg	4.4 mg (88.8 %)

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

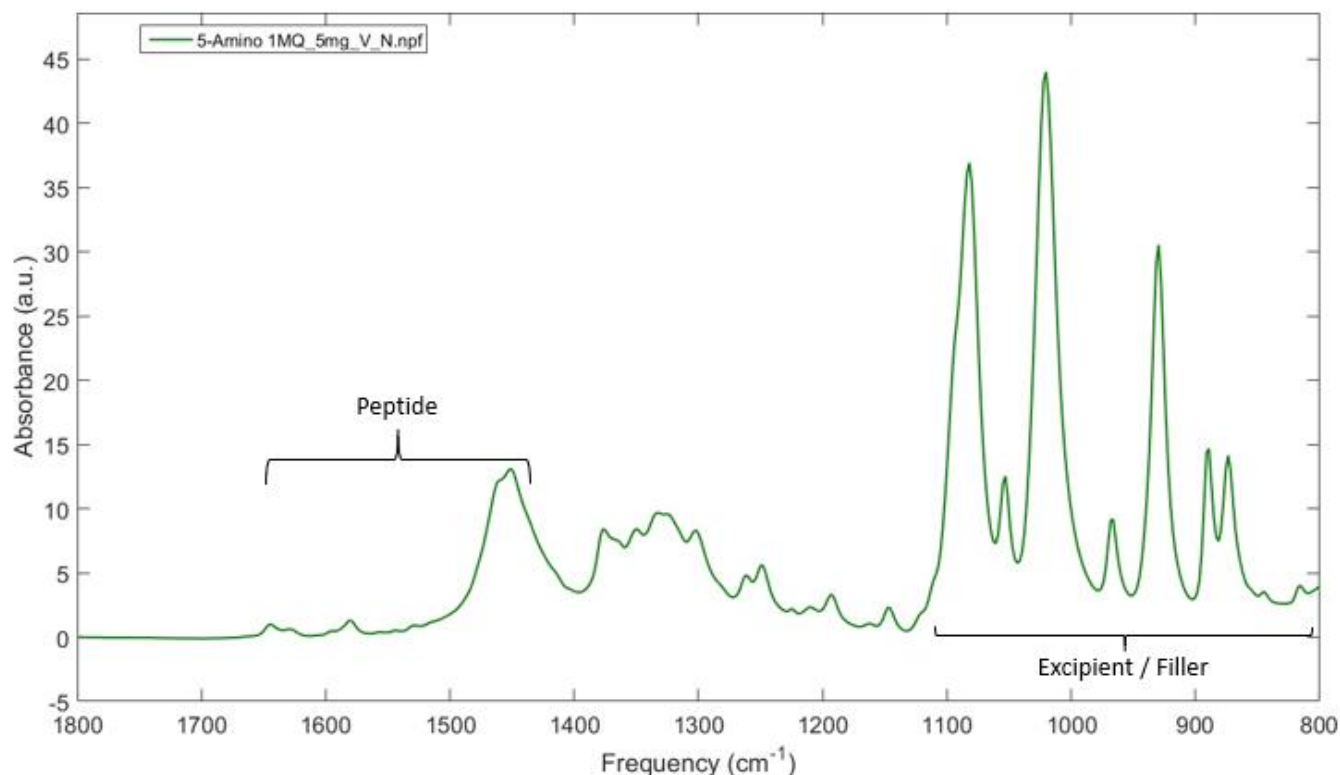
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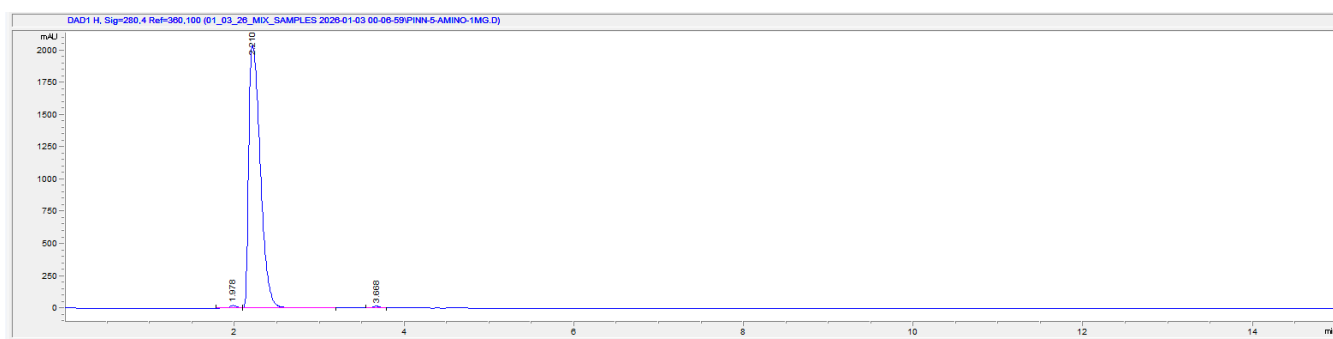
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FTIR ID and Composition Analysis: 5-Amino 1MQ Lot unspecified



HPLC Purity and Potency Assay @ 280 nm: 5-Amino 1MQ Lot unspecified



5-Amino 1MQ Lot unspecified @ 280 nm

Peak #:	Retention Time (min)	Area (mAU*s)
1	1.978	115.9
2	2.21	19139.7
3	3.668	83.8

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