



Title:

Certificate of Analysis (CoA)

Date: 2/7/2026
Date Tested: 2/6/2026
Customer: Forge Amino
Testing material: 5-Amino-1MQ
Lot Number: FA-5AMMQ012601
BT Sample ID: 005000038768421
Labeled Peptide Content/Potency: 5 mg
Storage: R.T.
Visual Description: small clear vial: orange sample, white label, silver crimp, white plastic cap.
Labeled as: 5-Amino-1MQ
Manufacturer: Forge Amino
Testing Purpose: FTIR and HPLC analysis for the identification, purity, potency and composition of a small molecule 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	50.1 mg
FTIR Identification and Composition Analysis	USP <197A>	Sample spectrum should confirm the content of small molecule via characteristic bands	FTIR sample spectrum confirms the presence of 5-Amino-1MQ 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	7.2 mg (143.6 %)

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



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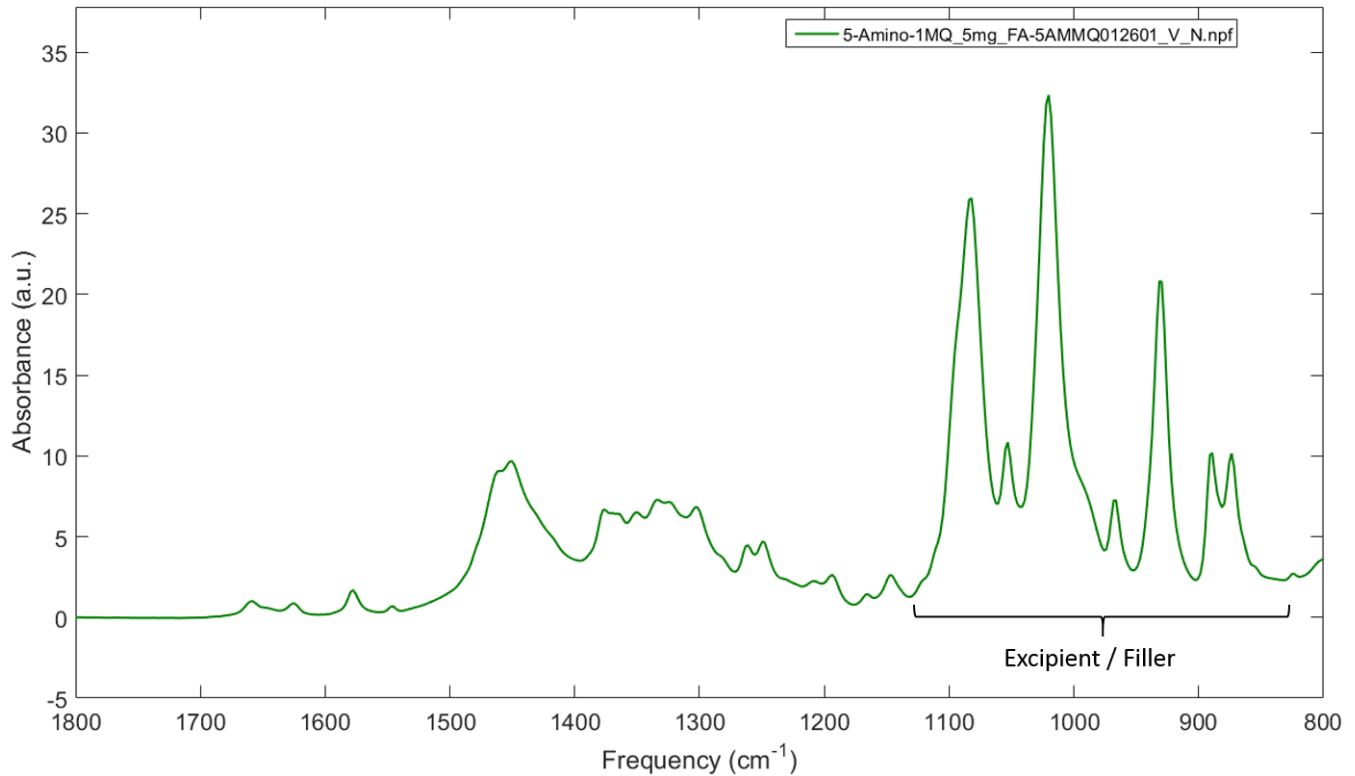
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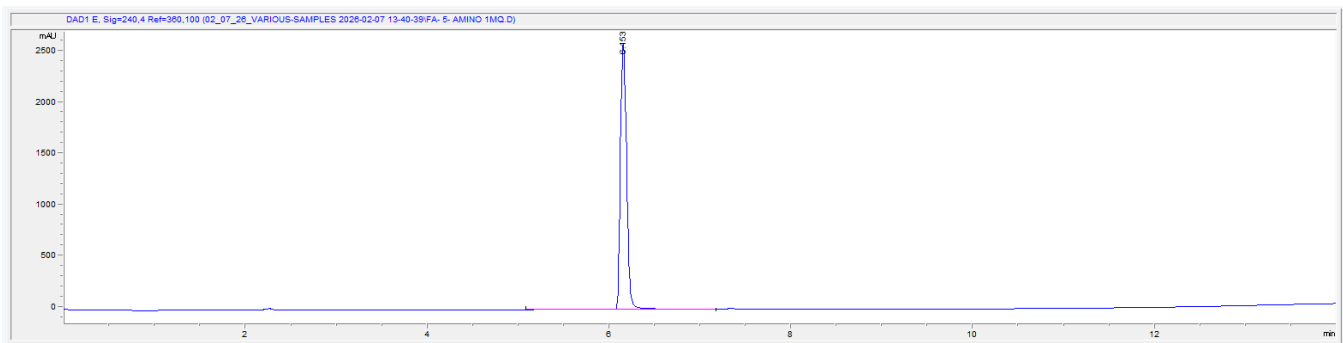
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FTIR ID and Composition Analysis: 5-Amino-1MQ Lot FA-5AMMQ012601



HPLC Purity and Potency Assay @ 280 nm: 5-Amino-1MQ Lot FA-5AMMQ012601



5-Amino-1MQ Lot FA-5AMMQ012601 @ 280 nm

Peak #:	Retention Time (min)	Area (mAU*s)
1	6.14	12623.3



Report #:
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Title:

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Bacterial Endotoxins Test (ABI- TEST 0012)

Date: 2/8/2026
Date Tested: 2/6/2026
Customer: Forge Amino
Testing material: 5-Amino-1MQ
Lot Number: FA-5AMMQ012601
BT Sample ID: 005000038768421
Labeled Peptide
Content/Potency: 50.1 mg
Storage: R.T.
Packing material: small clear vial: orange sample, white label, silver crimp, white plastic cap.
Labeled as: 5-Amino-1MQ
Manufacturer: Forge Amino
Testing Purpose: (ABI-TEST 0012) test quantifies bacterial endotoxin levels to confirm that the product does not elicit pyrogenic reactions, maintaining patient safety and product integrity.

Test	Method	Specification	Result
Bacterial Endotoxins Test	USP <85>	40 EU/vial reconstituted	PASS

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

Bacterial Endotoxins Test 5-Amino-1MQ Lot FA-5AMMQ012601

Sample ID	Description	Volume (mL)	Endotoxin Limit (EU/vial)	Lysate Sensitivity (λ , EU/mL)	Result
005000038768421	5-Amino-1MQ	3	40 EU/vial	0.25	14.5 EU/vial

The sample passed a valid gel clot endotoxin test based on the type, mode of administration and dosage.

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