



Report #:

COA261600-001

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Title:

Certificate of Analysis (CoA)

Date: 9/24/2026
Date Tested: 9/20/2026
Customer: Finnrick
Testing material: 5-Amino 1MQ
Lot Number: NZG5492
Sample ID: BTL260915-020-001
Content/Potency: 50 mg
Storage: R.T.
Visual Description: 50mg orange tablet in a small dark blue bottle.
Labeled as: 5-Amino 1MQ
Manufacturer: Peptagon 25L 040
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 tablet	orange tablet
Mass	USP <41>	As recorded	377.5 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 5-Amino 1MQ with addition of excipient(s)/fillers.
HPLC Purity of Peptide Assay	USP <621>	Specifications: $\geq 98\%$	99.8 %
HPLC Potency Assay	USP <621>	Specifications: 90 – 110% of 50 mg	57.2 mg (114.3 %)
Peptide-to-Excipients Ratio	USP <1151>	Recommended ratios of (1:0) to (1:10) for (peptide: excipients)	57.2 : 320.3 mg (1:5.6)

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

Andrea
Castro

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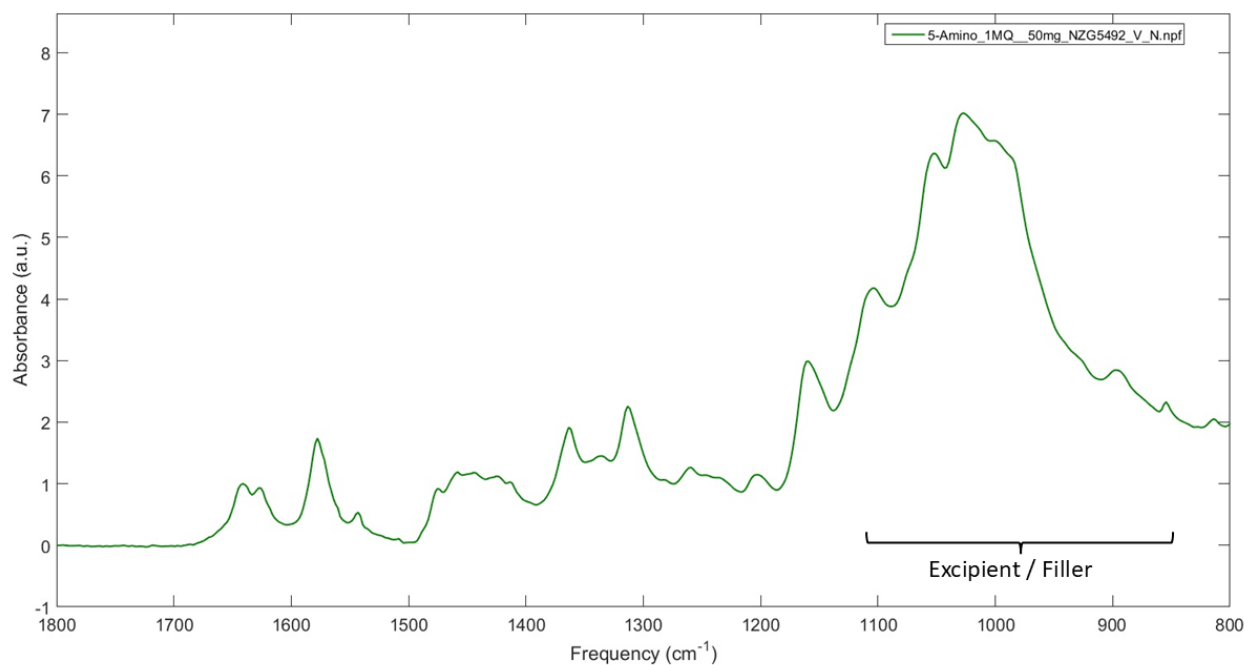
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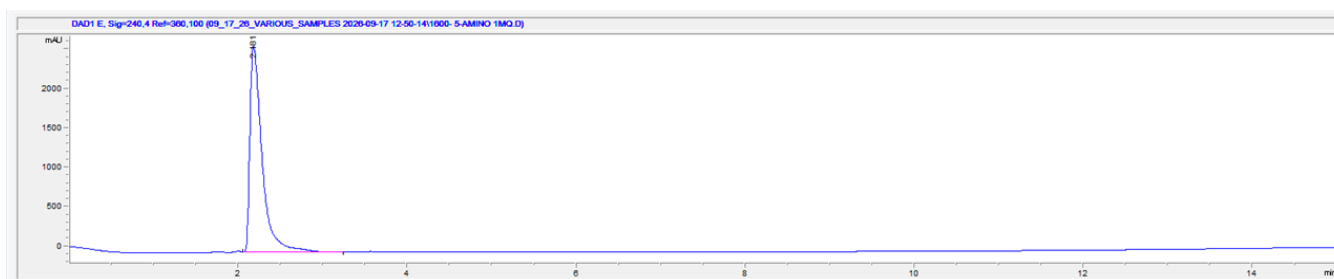
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Certificate of Analysis (CoA)

FTIR ID and Composition Analysis: 5-Amino 1MQ Lot NZG5492



HPLC Purity and Potency Assay @ 240 nm: 5-Amino 1MQ Lot NZG5492



5-Amino 1MQ Lot NZG5492 @ 240 nm

Peak #:	Retention Time (min)	Area (mAU*s)
1	2.181	26509.1

Title:

Certificate of Analysis (CoA)**Bacterial Endotoxins Test**

Date: 9/24/2026
Date Tested: 9/24/2026
Customer: Finnrick
Testing material: 5-Amino 1MQ
Lot Number: 229PAW9
Sample ID: BTL260915-020-011
Content/Potency: 50 mg
Storage: R.T.
Packing material: 50mg orange tablet in a small dark blue bottle.
Labeled as: 5-Amino 1MQ
Manufacturer: Peptagon 25L 040
Testing Purpose: This 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>	350 EU/vial reconstituted	PASS

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

Results were determined by a valid kinetic turbidity assay

Bacterial Endotoxins Test 5-Amino 1MQ Lot 229PAW9

Sample ID	Description	Volume (mL)	Endotoxin Limit (EU/vial)	Lysate Sensitivity (λ , EU/mL)	Result
229PAW9	5-Amino 1MQ	2	350 EU/vial	0.05	34.0 EU/vial

Results reported as <5 EU/vial are below the limit of detection for this assay

Endotoxin Limits is established per USP <85> guidelines for injectables

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