

Title:

Certificate of Analysis (CoA)



Date: 8/14/2026
Date Tested: 8/8/2026
Customer: Peptide Papi
Testing material: NAD
Lot Number: NAD500-0728-A
Content/Potency: 500 mg
Storage: R.T.
Visual Description: Large amber vial: white sample, holographic label, silver crimp, dark blue plastic cap.
Labeled as: NAD
Manufacturer: 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.



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Test	Method	Specification	Result
General Appearance	USP <630>	white powder	white powder
Mass	USP <41>	As recorded	834.7 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 NAD with addition of excipient(s)/fillers.
HPLC Purity of Peptide Assay	USP <621>	Specifications: $\geq 98\%$	95.7 %
HPLC Potency Assay	USP <621>	Specifications: 90 – 110% of 500 mg	622.2 mg (124.4 %)
Peptide-to-Excipients Ratio	USP <1151>	Recommended ratios of (1:2) to (1:10) for (peptide: excipients)	622.2 : 212.5 mg (1:0.3)

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



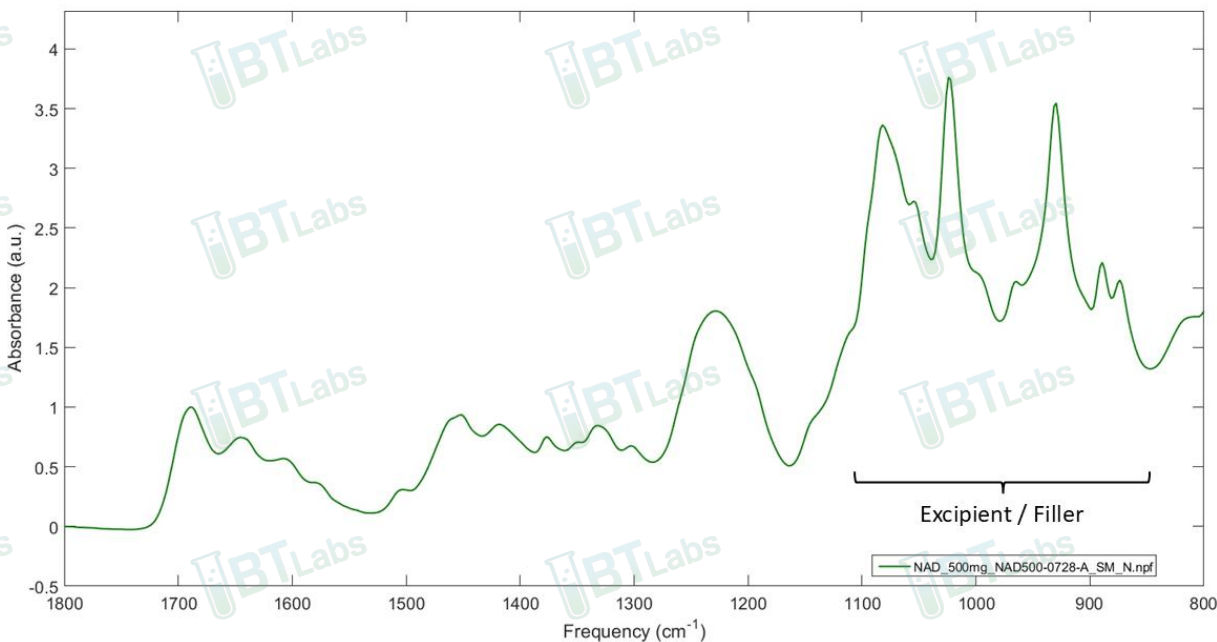
Escarlet Cabrieles, BS
Scientist-II
BTLabs

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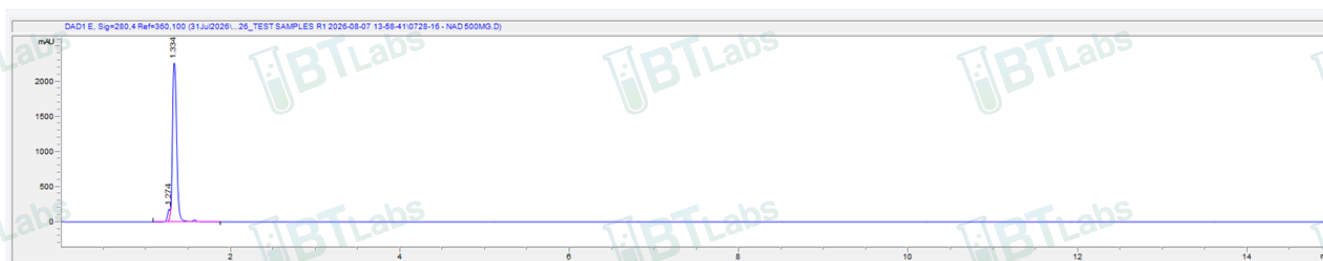
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FTIR ID and Composition Analysis: NAD Lot NAD500-0728-A



HPLC Purity and Potency Assay @ 280 nm: NAD Lot NAD500-0728-A



NAD Lot NAD500-0728-A @ 280 nm

Peak #:	Retention Time (min)	Area (mAU*s)
1	1.334	8010.9