



Report #:

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Title:

Certificate of Analysis (CoA)



Date: 7/3/2026
Date Tested: 7/1/2026
Customer: Pax Peptide
Testing material: NAD
Lot Number: NJ1005
BT Sample ID: 005000040638552
Labeled Peptide Content/Potency: 500 mg
Storage: R.T.
Visual Description: Large amber vial: white sample, white label, silver crimp, dark blue plastic cap.
Labeled as: NAD
Manufacturer: Pax Peptide
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.



BT Labs

Test	Method	Specification	Result
General Appearance	USP <630>	white powder	white powder
Mass	USP <41>	As recorded	606.5 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 NAD 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 500 mg	547 mg (109.4 %)
Peptide-to-Excipients Ratio	USP <1151>	Recommended ratios of (1:2) to (1:10) for (peptide: excipients)	547 : 59.5 mg (1:0.1)

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

Andrea Castro, AS
Scientist-II
BTLabs

Escarlet Cabrieles, AS
Scientist-II
BTLabs

5730 Corporate Way | Suite 220 | West Palm Beach, FL 33407

Phone: (561) 625-0133

E-mail: info@btlabtesting.com | Website: <https://btlabtesting.com>



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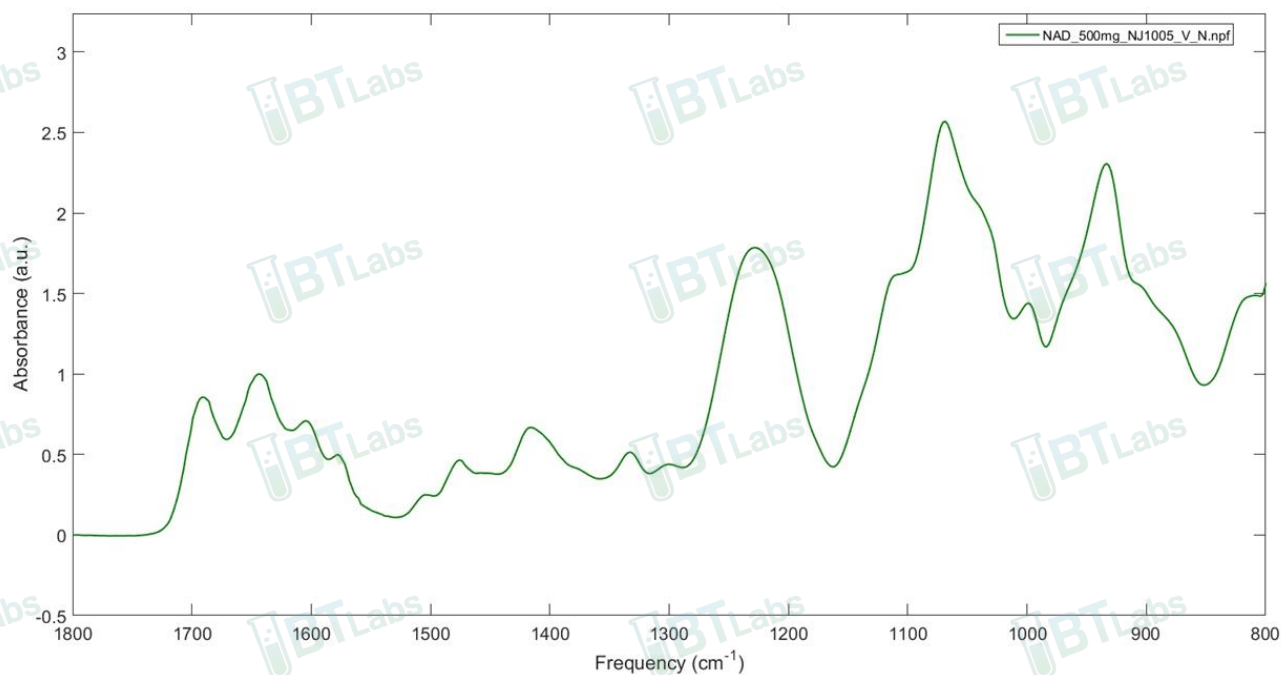
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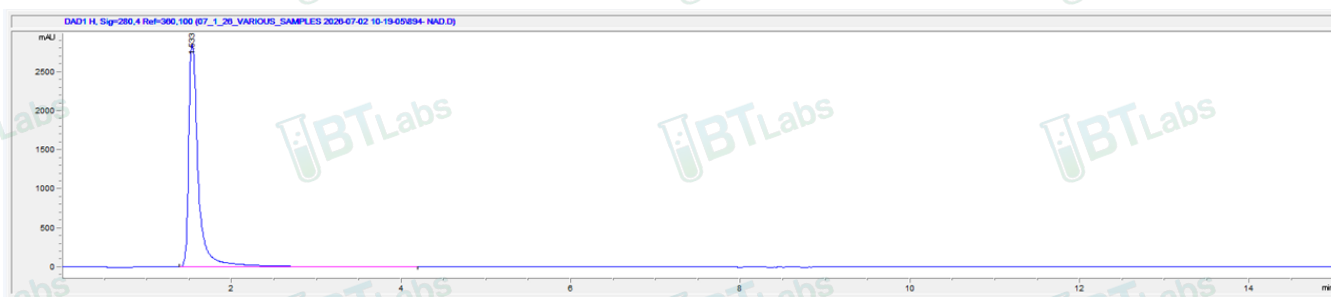
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FTIR ID and Composition Analysis: NAD Lot NJ1005



HPLC Purity and Potency Assay @ 280 nm: NAD Lot NJ1005



NAD Lot NJ1005 @ 280 nm		
Peak #:	Retention Time (min)	Area (mAU*s)
1	1.533	23169.3

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