



Report #:

IF-824-QSA-TR006-BTL26468-01

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Title:

Certificate of Analysis (CoA)

Date: 5/18/2026
Date Tested: 5/14/2026
Customer: Elite Standard Peptides
Testing material: NAD
Lot Number: ESP-NAD-500MG-B01
BT Sample ID: 005000040060420
Labeled Peptide
Content/Potency: 500 mg
Storage: R.T.
Visual Description: Large Amber vial: white sample, black label, silver crimp, blue plastic cap.
Labeled as: NAD
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	564.5 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	558.6 mg (111.7 %)
Peptide-to-Excipients Ratio	USP <1151>	Recommended ratios of (1:2) to (1:10) for (peptide: excipients)	558.6 : 5.9 mg (1:0)

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

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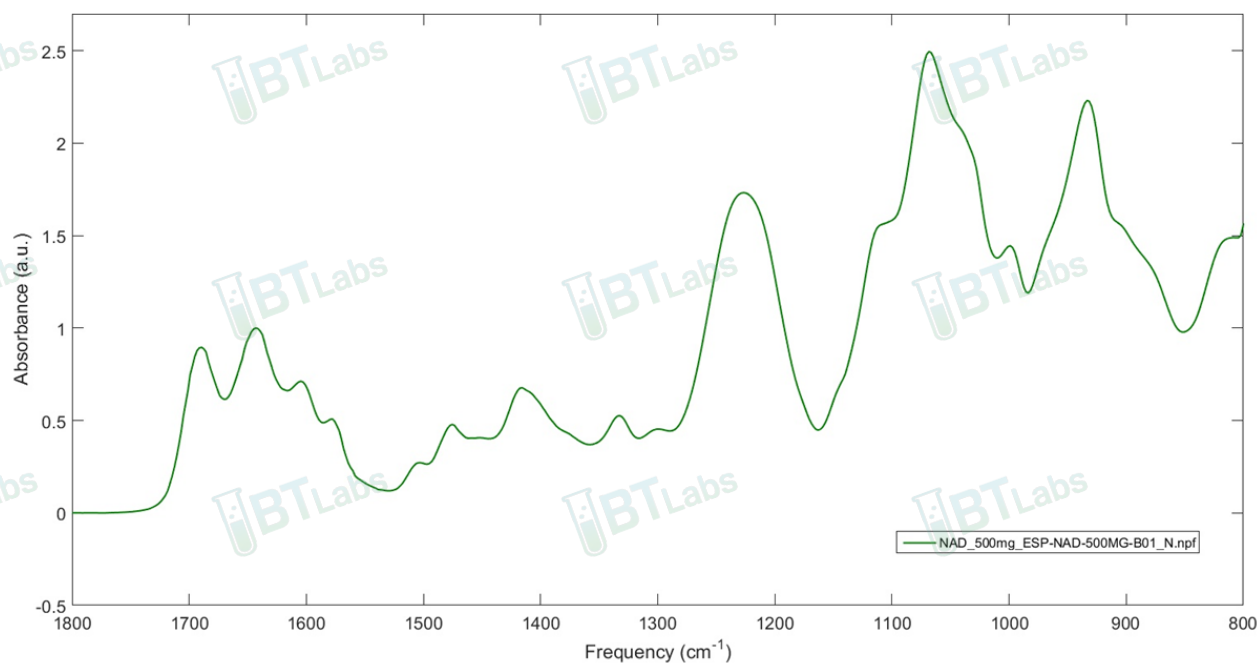
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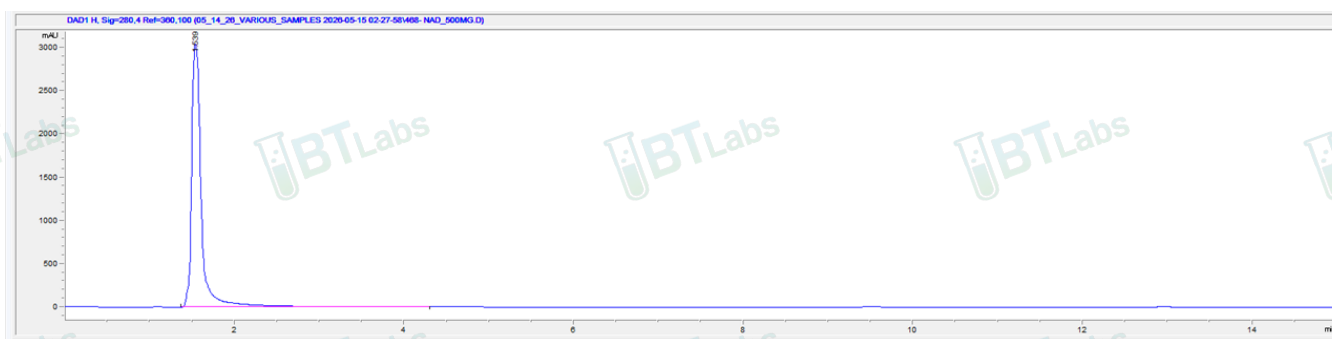
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FTIR ID and Composition Analysis: NAD Lot ESP-NAD-500MG-B01



HPLC Purity and Potency Assay @ 280 nm: NAD Lot ESP-NAD-500MG-B01



NAD Lot ESP-NAD-500MG-B01 @ 280 nm

Peak #:	Retention Time (min)	Area (mAU*s)
1	1.539	22088.2

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