

Title:

Certificate of Analysis (CoA)



Date: 3/18/2026
Date Tested: 3/17/2026
Customer: Polaris Peptides
Testing material: NAD
Lot Number: POL-NAD500-6A
BT Sample ID: 005000039295955
Labeled Peptide
Content/Potency: 500 mg
Storage: R.T.
Visual Description: small clear vial: off-white sample, white label, grey crimp, clear plastic cap.
Labeled as: POL-NAD500-6
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>	off-white powder	off-white powder
Mass	USP <41>	As recorded	594.1 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: $\geq 98\%$	99.9 %
HPLC Potency Assay	USP <621>	Specifications: 90 – 110% of 500 mg	538.8 mg (107.8 %)
Peptide-to-Excipients Ratio	USP <1151>	Recommended ratios of (1:2) to (1:10) for (peptide: excipients)	538.8 : 55.3 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
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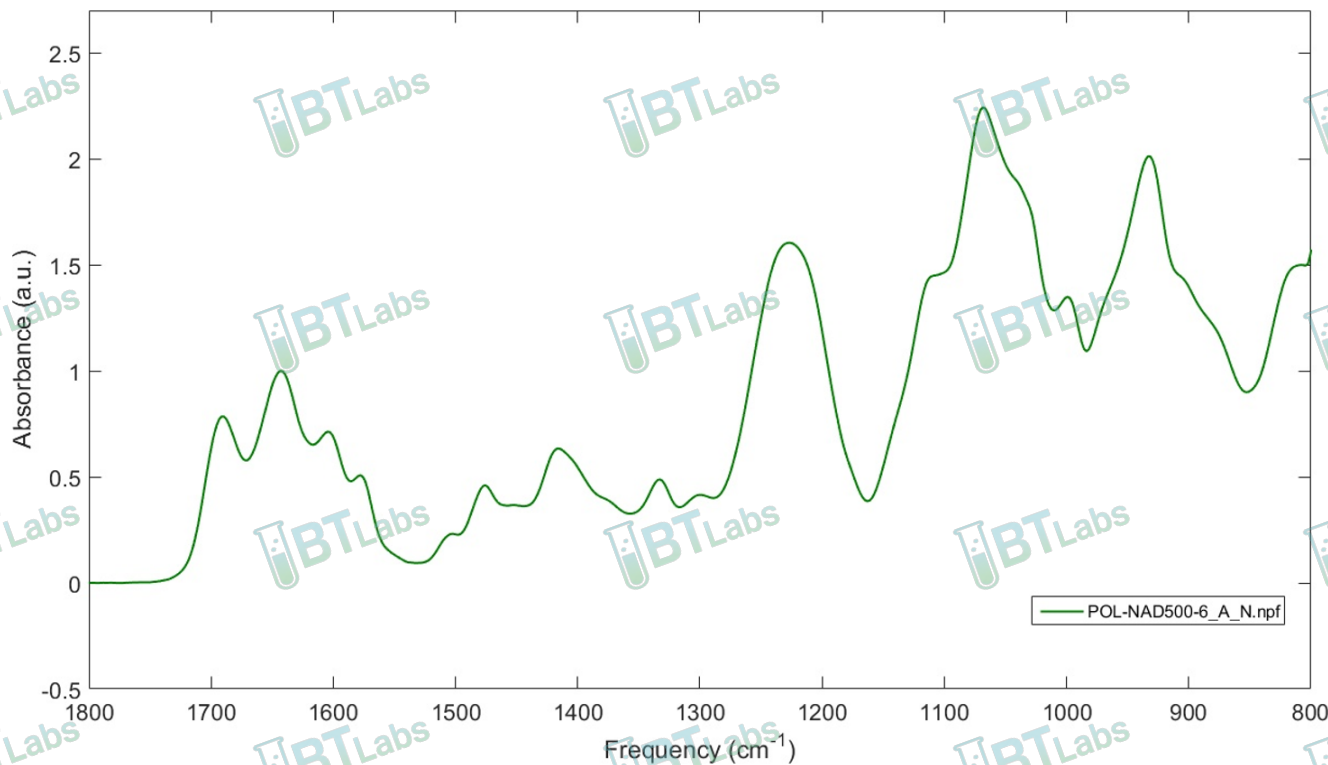
Verna Zheng, AS
Scientist-II
BTLabs

Title:

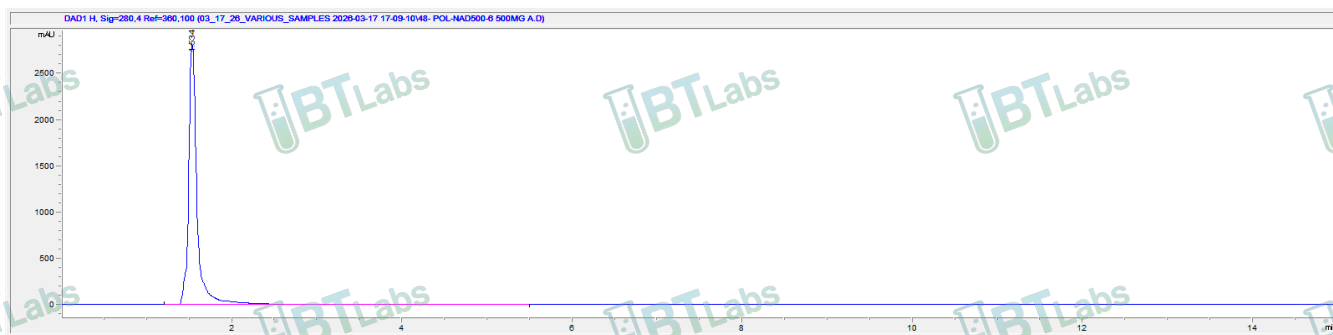
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FTIR ID and Composition Analysis: POL-NAD500-6 Lot POL-NAD500-6A



HPLC Purity and Potency Assay @ 280 nm: POL-NAD500-6 Lot POL-NAD500-6A



NAD Lot POL-NAD500-6A @ 280 nm

Peak #:	Retention Time (min)	Area (mAU*s)
1	1.534	19763.9

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