Title:

Certificate of Analysis (CoA)

Date: 9/1/2026
Date Tested: 8/30/2026
Customer: HLXPeptide
Testing material: NAD
Lot Number: ND082026-02
Sample ID: BTL260813-012-010
Content/Potency: 500 mg
Storage: R.T.
Visual Description: Large amber vial: white sample, white label, silver crimp, blue plastic cap.
Labeled as: NAD
Manufacturer: HLXPeptide
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	794.5 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: ≥ 98 %	99.9 %
HPLC Potency Assay	USP <621>	Specifications: 90 – 110% of 500 mg	613 mg (122.6 %)
Peptide-to-Excipients Ratio	USP <1151>	Recommended ratios of (1:0) to (1:10) for (peptide: excipients)	613 : 181.5 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

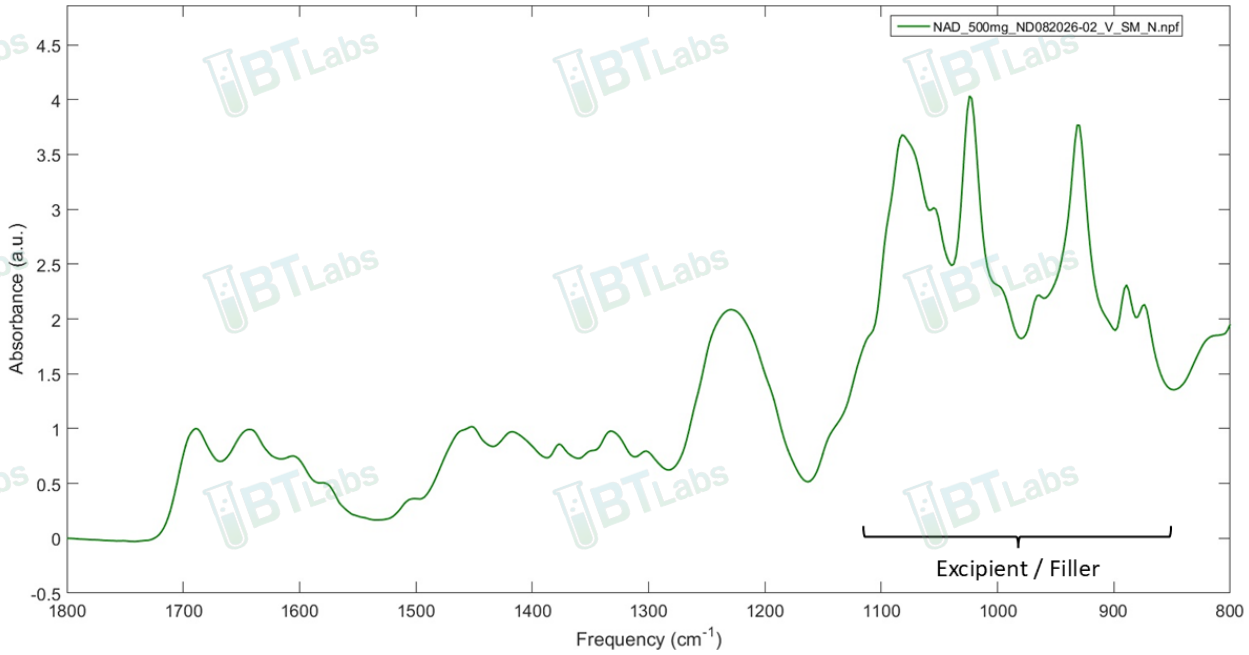
Escarlet Cabrieles, BS
Scientist-II
BTLabs

5601 Corporate Way | Suite 206 | West Palm Beach, FL 33407
Phone: (561) 625-0133
E-mail: info@btlabtesting.com | Website: https://btlabtesting.com

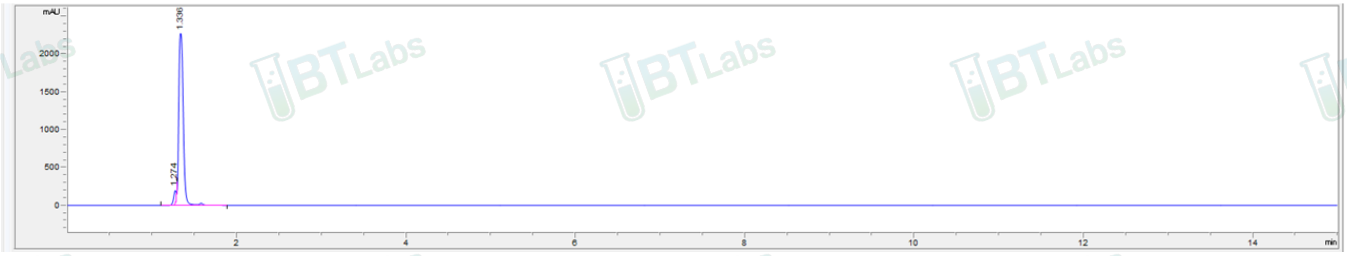
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FTIR ID and Composition Analysis: NAD Lot ND082026-02



HPLC Purity and Potency Assay @ 280 nm: NAD Lot ND082026-02



NAD Lot ND082026-02 @ 280 nm		
Peak #:	Retention Time (min)	Area (mAU*s)
1	1.336	8400.8

5601 Corporate Way | Suite 206 | West Palm Beach, FL 33407
Phone: (561) 625-0133
E-mail: info@btlabtesting.com | Website: https://btlabtesting.com