



Report #:

IF-824-QSA-TR006-BTL260701-04-01

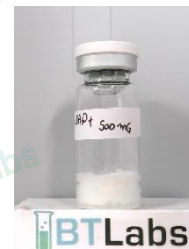
Page 1 of 2

Title:

## Certificate of Analysis (CoA)



**Date:** 7/23/2026  
**Date Tested:** 7/21/2026  
**Customer:** Nickolas de Moraes  
**Testing material:** NAD  
**Lot Number:** unspecified  
**Content/Potency:** 500 mg  
**Storage:** R.T.  
**Visual Description:** Large clear vial: white sample, white label, silver crimp, white 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<br><630>  | white powder                                                                   | white powder                                                                             |
| Mass                                         | USP<br><41>   | As recorded                                                                    | 850.6 mg                                                                                 |
| FTIR Identification and Composition Analysis | USP<br><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<br><621>  | Specifications: $\geq 98\%$                                                    | 99.8 %                                                                                   |
| HPLC Potency Assay                           | USP<br><621>  | Specifications: 90 – 110% of 500 mg                                            | 643.4 mg (128.7 %)                                                                       |
| Peptide-to-Excipients Ratio                  | USP<br><1151> | Recommended ratios of (1:2) to (1:10) for (peptide: excipients)                | 643.4 : 207.2 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, AS  
Scientist-II  
BTLabs

Escarlet Cabrieles, AS  
Scientist-II  
BTLabs

5601 Corporate Way | Suite 206 | West Palm Beach, FL 33407

Phone: (561) 625-0133

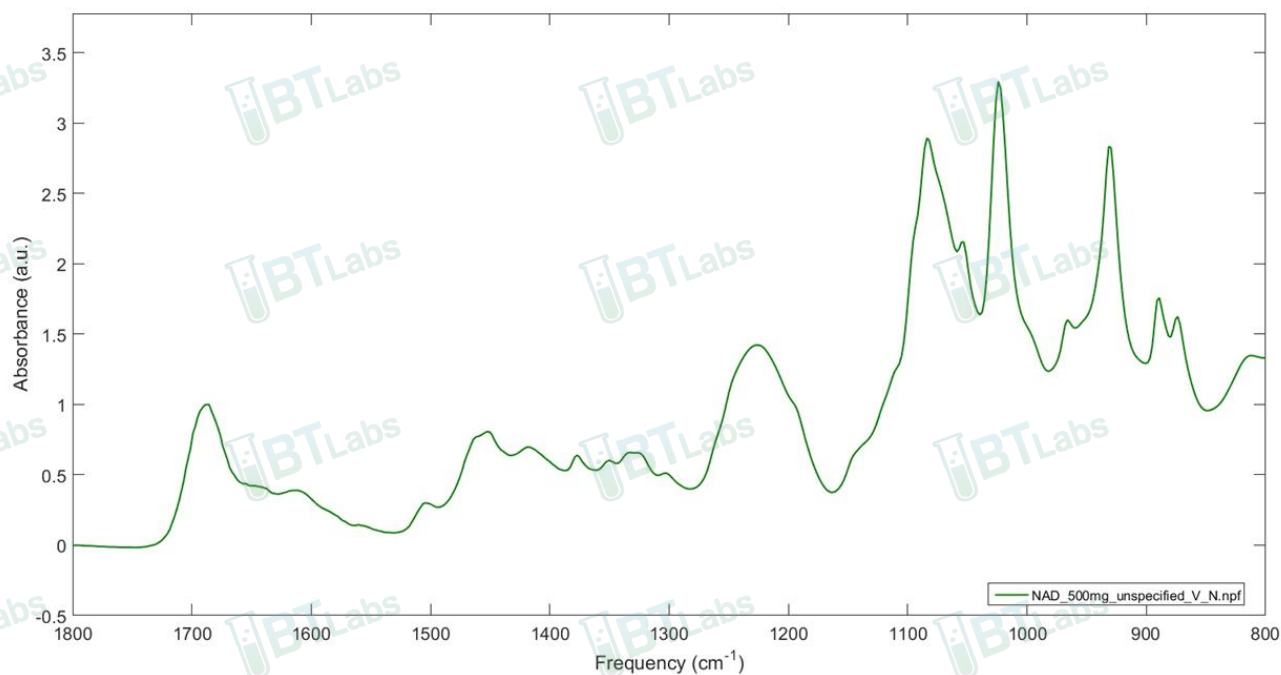
E-mail: [info@btlabtesting.com](mailto:info@btlabtesting.com) | Website: <https://btlabtesting.com>

Title:

# Certificate of Analysis (CoA)



## FTIR ID and Composition Analysis: NAD Lot unspecified



## HPLC Purity and Potency Assay @ 280 nm: NAD Lot unspecified



### NAD Lot unspecified @ 280 nm

| Peak #: | Retention Time (min) | Area (mAU*s) |
|---------|----------------------|--------------|
| 1       | 1.537                | 20026.2      |