



Report #:

IF-824-QSA-TR006-BTL260709-14-08

Page 1 of 2

Title:

## Certificate of Analysis (CoA)



**Date:** 7/28/2026  
**Date Tested:** 7/25/2026  
**Customer:** Peptide Papi  
**Testing material:** NAD  
**Lot Number:** NAD1000-0709-A  
**Content/Potency:** 1000 mg  
**Storage:** R.T.  
**Visual Description:** Large amber vial: white sample, holographic label, silver crimp, black plastic cap.  
**Labeled as:** NAD  
**Manufacturer:** 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                                                                    | 1119.3 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 1000 mg                                           | 1076.6 mg (107.7 %)                                                                      |
| Peptide-to-Excipients Ratio                  | USP<br><1151> | Recommended ratios of (1:2) to (1:10) for (peptide: excipients)                | 1076.6 : 42.7 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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IF-824-QSA-TR006

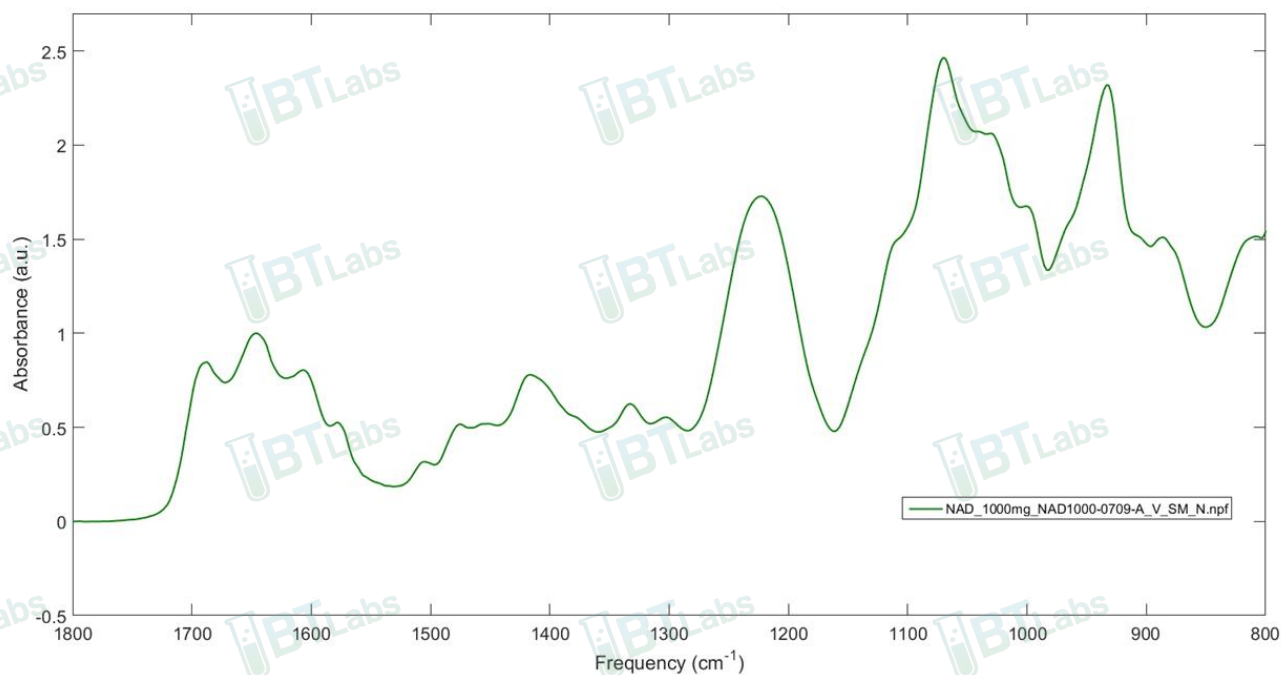
Rev 1.0 January 2025

Title:

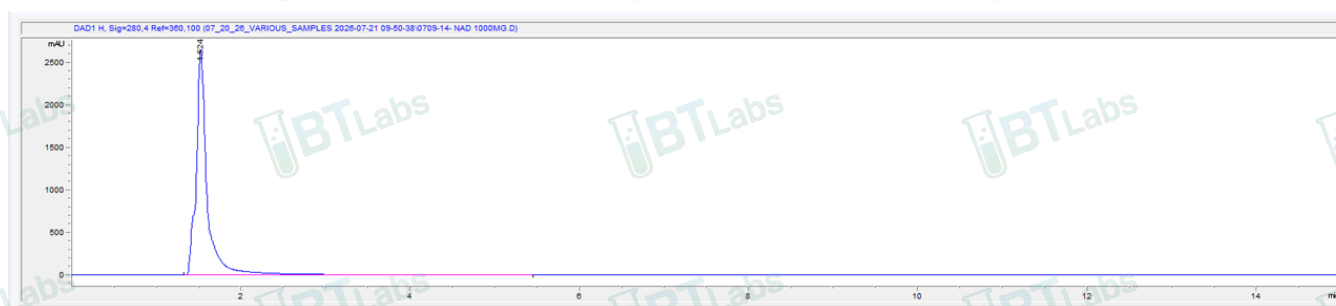
# Certificate of Analysis (CoA)



## FTIR ID and Composition Analysis: NAD Lot NAD1000-0709-A



## HPLC Purity and Potency Assay @ 280 nm: NAD Lot NAD1000-0709-A



### NAD Lot NAD1000-0709-A @ 280 nm

| Peak #: | Retention Time (min) | Area (mAU*s) |
|---------|----------------------|--------------|
| 1       | 1.524                | 24180.5      |