Title:

# Certificate of Analysis (CoA)




**Date:** 8/12/2026
**Date Tested:** 8/11/2026
**Customer:** Pure Lab Peptides
**Testing material:** NAD
**Lot Number:** 31758
**Content/Potency:** 500 mg
**Storage:** R.T.
**Visual Description:** Large amber vial: white sample, white label, silver crimp, dark 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 | 836.4 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 | 586.6 mg (117.3 %) |
| **Peptide-to-Excipients Ratio** | USP <1151> | Recommended ratios of (1:2) to (1:10) for (peptide: excipients) | 586.6 : 249.8 mg (1:0.4) |

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

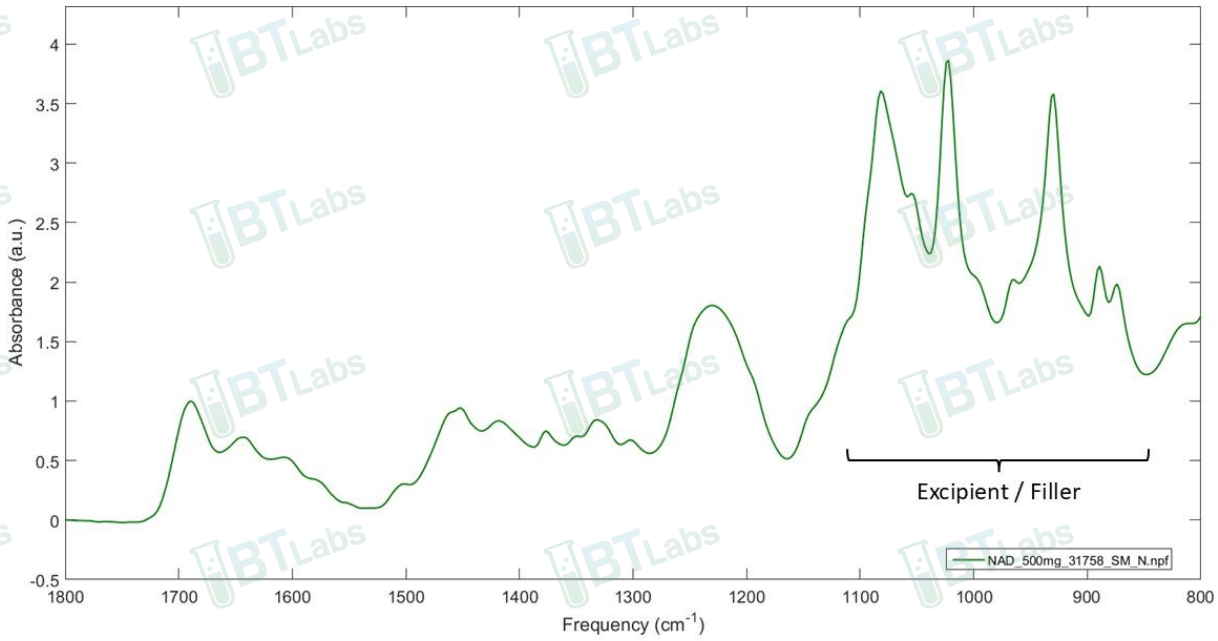
Andrea Castro, BS
Scientist-II
BTLabs

Escarlet Cabrieles, BS
Scientist-II
BTLabs

Title:

# Certificate of Analysis (CoA)

## FTIR ID and Composition Analysis: NAD Lot 31758




## HPLC Purity and Potency Assay @ 280 nm: NAD Lot 31758



| NAD Lot 31758 @ 280 nm | | |
|---|---|---|
| Peak #: | Retention Time (min) | Area (mAU*s) |
| 1 | 1.534 | 18644.1 |

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