



## ORDERED BY



YourPeptide  
Brand.com

Your Peptide Brand

## PRODUCT

NAME **NAD+**  
SKU **YPB.224**  
CATEGORY **—**

## SAMPLE

BATCH **NJ1000202026**  
TESTED **2026-05-13**

**DESCRIPTION** Vial with white powder — sealed with plastic security cap. Flag tag attached at neck with manufacturer / product SKU number, PO, and expiration.

**PERFORMING LAB** **Analytical Formulations, Inc.**  
8940 Fourwinds Drive STE 107, Windcrest, TX 78239  
<https://analyticalformulations.com>  
Lab-certified result data: 2026-06-02

Vial image  
not provided

Submitted vial — YPB.224



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Purity Analytics LLC

**ISSUED** 2026-06-21 16:54:59 UTC  
**ISSUER** Sectigo RSA Document Signing CA  
**ALGORITHM** RSA-SHA512  
**FIELD** PuritySignature  
**TYPE** adbe.pkcs7.detached  
**CERT SERIAL** 80EE9C34821454C706346FA64888B1B5  
**CERT SHA-256** E2467E56CFEE3DA8...AF9CBF0875552610  
**TIMESTAMP** Sectigo RFC 3161 TSA

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## ANALYTICAL RESULTS

| COMPONENT | ANALYTE                                  | SPECIFICATION                                                                                                                       | RESULT            | P/F |
|-----------|------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|-------------------|-----|
| b-NAD+    | Qualitative ID                           | TS λmax is a match compared to its characteristic reference standard                                                                | <b>Matches</b>    | ✓   |
|           | Percent Purity (Correlation Coefficient) | NLT 98%<br>$r_{xy} = \frac{\sum (x_i - \bar{x})(y_i - \bar{y})}{\sqrt{\sum (x_i - \bar{x})^2} \cdot \sqrt{\sum (y_i - \bar{y})^2}}$ | <b>99.5 %</b>     | ✓   |
| b-NAD+    | Quantitative Assay (Beer-Lambert)        | NLT 95% label claim (mg/vial)<br>$\% = \frac{A_{TS}}{A_{STD}} \times \frac{C_{STD}}{C_{TS}} \times 100$                             | <b>1,041.5 mg</b> | ✓   |
|           | Heavy Metals (Total Quantity)            | NMT 100ppb/vial (Pb, Cd, Hg, Ni, Fe, Co)                                                                                            | <b>&lt;10 ppb</b> | ✓   |
|           | TAMC (Total Aerobic Microbial Counts)    | NMT 100 CFU @ 37°C/48h                                                                                                              | <b>0 CFU</b>      | ✓   |
|           | TYMC (Total Yeast and Mold Counts)       | NMT 10 CFU @ 30°C/48h                                                                                                               | <b>0 CFU</b>      | ✓   |



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## METHODS

- Qualitative ID - Lambda Max
- Percent Purity - Correlation Coefficient
- Quantitative Assay - Beer-Lambert
- Heavy Metals - Total Quantity
- TAMC (Total Aerobic Microbial Counts)
- TYMC (Total Yeast and Mold Counts)

Microbial specifications follow the Substances for Pharmaceutical Use compendium. UV-Vis measurements performed on a Jenway 6715 UV/Vis Spectrophotometer.



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## PERFORMING LABORATORY & CERTIFICATION

### PERFORMING LABORATORY

#### Analytical Formulations, Inc.

8940 Fourwinds Drive STE 107, Windcrest, TX 78239

<https://analyticalformulations.com>

A laboratory-authorized user certified on 2026-06-02 that the submitted result data and the Purity Analytics COA generated from that data accurately represent the laboratory's reported findings for the sample identified in this report.

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**NOT FOR HUMAN OR VETERINARY CONSUMPTION. NOT FOR CLINICAL, DIAGNOSTIC, THERAPEUTIC, OR DRUG USE.**

#### Laboratory role.

The performing laboratory identified above performed or reported the analytical measurements reflected in this Certificate of Analysis for the submitted sample only. The laboratory's role is limited to analytical testing and reporting of the sample as received. The laboratory does not manufacture, package, relabel, market, prescribe, recommend, dispense, distribute, or sell the product identified in this report.

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Test results apply only to the specific sample identified by the SKU and Batch/Lot number on this report. The performing laboratory tested or reported the sample as received; chain of custody from the manufacturer, customer, distributor, or any upstream party to the laboratory is not certified by Purity Analytics LLC or the laboratory unless expressly stated in this report. Subsequent handling, storage, repackaging, reconstitution, relabeling, resale, distribution, or modification by any party may alter the attributes reported here.

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