



## ORDERED BY



YourPeptide  
Brand.com

Your Peptide Brand

## PRODUCT

NAME Reconstitution Solution  
SKU YPB.226  
CATEGORY —

## SAMPLE

BATCH 20251217L0BA1S10  
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.**  
6703 Mountain Asia, San Antonio, TX 78233  
<https://analyticalformulations.com>  
Lab-certified result data: 2026-06-02

Vial image  
not provided

Submitted vial — YPB.226



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Purity Analytics LLC

ISSUED 2026-06-02 15:11:15 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 |
|-------------------------|------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|---------|-----|
| Ultrapure Sterile Water | Qualitative ID                           | TS λmax is a match compared to its characteristic reference standard                                                                | Matches | ✓   |
|                         | Percent Purity (Correlation Coefficient) | NLT 98%<br>$r_{xy} = \frac{\sum (x_i - \bar{x})(y_i - \bar{y})}{\sqrt{\sum (x_i - \bar{x})^2} \cdot \sqrt{\sum (y_i - \bar{y})^2}}$ | 99.9 %  | ✓   |
| Ultrapure Sterile Water | Quantitative Assay (Beer-Lambert)        | NLT 95% label claim (mg/vial)<br>$\% = \frac{A_{TS}}{A_{STD}} \times \frac{C_{STD}}{C_{TS}} \times 100$                             | N/A     | ~   |
|                         | Heavy Metals (Total Quantity)            | NMT 100ppb/vial (Pb, Cd, Hg, Ni, Fe, Co)                                                                                            | <10 ppb | ✓   |
|                         | TAMC (Total Aerobic Microbial Counts)    | NMT 100 CFU @ 37°C/48h                                                                                                              | 0 CFU   | ✓   |
|                         | TYMC (Total Yeast and Mold Counts)       | NMT 10 CFU @ 30°C/48h                                                                                                               | 0 CFU   | ✓   |



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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 &amp; CERTIFICATION

## PERFORMING LABORATORY

**Analytical Formulations, Inc.**

6703 Mountain Asia, San Antonio, TX 78233

<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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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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