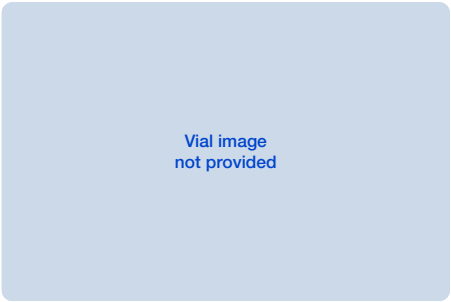


ORDERED BY		PRODUCT		SAMPLE	
 ZYCARE PEPTIDES.COM		NAME	TB500 10 MG	BATCH	2605200127
		SKU	FED.987	TESTED	2026-03-11
		CATEGORY	Identify, Purity, Assay, Heavy metals and Microbial.		
	Your Peptide Brand				

DESCRIPTION	Vial with Fine, fluffy, white to off white lyophilized powder sealed with plastic security cap. Flag tag attached at neck with manufacturer / product SKU number, PO, and expiration
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PERFORMING LAB	Analytical Formulations, Inc. LAB Zycare Peptides Link Zycarepeptide.com Lab certified result data: 2026-03-16
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Vial image not provided

Submitted vial — YPB.222



DIGITALLY SIGNED BY
Zycare Peptides

ISSUED 2026-03-23

ISSUER Sectigo RSA Document Signing CA

ALGORITHM RSA-SHA512

FIELD Purity Signature

TYPE adbe.pkcs.deattached

CERT SERIAL 20251215M04CC6S10

CERT SHA-256 E2467E58CFEE3DA8.....AF9CBFFB78666610

TIMESTAMP Sectigo RFC 3161 TSA

Click this panel in Adobe Reader to validate the embedded signature. Cryptographic validity is also shown at [verify.zycarepeptides.com](#).

ANALYTICAL RESULTS

COMPONENT	ANALYTE	SPECIFICATION	RESULT	P/F
TB-500 10 mg	Qualitative ID (Lambda Max)	TS λ max is a match compared to its characteristic reference standard.	Matches	✓
	Percent Purity	NLT 98% $r_{xy} = \frac{\sum (x_i - \bar{x})(y_i - \bar{y})}{\sqrt{\sum (x_i - \bar{x})^2} \cdot \sqrt{\sum (y_i - \bar{y})^2}}$	99.68%	✓
TB-500 10 mg	Quantitative Assay	NLT 95% label claim $\% = \frac{A_{TS}}{A_{STD}} \times \frac{C_{STD}}{C_{TS}} \times 100$	10.87	✓
	Heavy Metals (Total Quantity)	NMT 150 ppb/vial (including Pb, Cd, Hg, Ni, Fe & Co)	<10 ppb	✓
	TAMC (Aerobic/Coliform)	NMT 1,000 CFU · Incubated 48 hrs @ 37°C	0 CFU	✓
	TYMC (Yeast & Molds)	NMT 100 CFU · Incubated 48 hrs @ 30°C	0 CFU	✓

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.

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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