CERTIFICATE OF ANALYSIS

Artifact ID: coa_cbf765572a53dea71ab54b55d3dc6b88

ORDERED BY

ZYCARE PEPTIDES.COM

Your Peptide Brand

PRODUCT

NAME	TB500 10 MG
SKU	FED.987
CATEGORY	Identify, Purity, Assay, Heavy metals and Microbial.

SAMPLE

BATCH	2605200127
TESTED	2026-03-11

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

PERFORMING LAB

Analytical Formulations, Inc.
LAB Zycare Peptides
Link Zycarepeptide.com
Lab certified result data: 2026-03-16

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.deatached
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 λmax 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	✓

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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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