

ORDERED BY	PRODUCT		SAMPLE	
	NAME	Tesamoralin 5 mg	BATCH	17139705433
	SKU	FDW.668	TESTED	2026-04-11
	CATEGORY	Identify, Purity, Assay, Heavy metals and Microbial.		
Zycare Peptides.com Your Peptide Brand				

DESCRIPTION	Vial with white 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: 2026-04-15
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Vial image not provided

Submitted vial — YPB.222



DIGITALLY SIGNED BY
Zycare Peptides

ISSUED	2026-04-21
ISSUER	Sectigo RSA Document Signing CA
ALGORITHM	RSA-SHA512
FIELD	Purity Signature
TYPE	adbe.pkcs.deattached
CERT SERIAL	20251347P04CC6S10
CERT SHA-256	E2467E58CFEE3TY4.....AF9CBFFB79967610
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
Tesamorelin 5 mg	Qualitative ID (Lambda Max)	TS λ max is a match compared to its characteristic reference standard.	Matches	✓
	Percent Purity	NLT 98% $r_{xy} = \frac{\sum (x_i - \bar{x})(y_i - \bar{y})}{\sqrt{\sum (x_i - \bar{x})^2} \cdot \sqrt{\sum (y_i - \bar{y})^2}}$	98.26%	✓
Tesamorelin 5 mg	Quantitative Assay	NLT 95% label claim $\% = \frac{A_{TS}}{A_{STD}} \times \frac{C_{STD}}{C_{TS}} \times 100$	5.88 mg	✓
	Heavy Metals (Total Quantity)	NMT 150 ppb/vial (including Pb, Cd, Hg, Ni, Fe & Co)	<5 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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