



## ORDERED BY

Purity Analytics

## PRODUCT

NAME

Epitalon 10mg

CATEGORY

Identity + Purity + Assay + Heavy  
Metals + Microbial

## SAMPLE

BATCH

20251205L04ETZS50

TESTED

2026-03-21

## PERFORMING LAB Analytical Formulations, Inc.

8940 Fourwinds Drive STE 107, Windcrest, TX 78239

<https://analyticalformulations.com>

Lab-certified result data: 2026-06-02



Submitted vial



**DIGITALLY SIGNED BY**  
Purity Analytics LLC

ISSUED

2026-08-07 22:38:35 UTC

ISSUER

Sectigo RSA Document Signing CA

ALGORITHM

RSA-SHA512

FIELD

PuritySignature

TYPE

adbe.pkcs7.detached

CERT SERIAL

80EE9C34821454C706346FA64888B1B5

TIMESTAMP

Sectigo RFC 3161 TSA

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## ANALYTICAL RESULTS

| COMPONENT | ANALYTE                       | SPECIFICATION                                                                                                                       | RESULT   | P/F |
|-----------|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|----------|-----|
| Epitalon  | Qualitative ID (Lambda Max)   | TS $\lambda_{max}$ is a match compared to its characteristic reference standard.                                                    | Matches  | ✓   |
|           | Percent Purity                | NLT 98%<br>$r_{xy} = \frac{\sum (x_i - \bar{x})(y_i - \bar{y})}{\sqrt{\sum (x_i - \bar{x})^2} \cdot \sqrt{\sum (y_i - \bar{y})^2}}$ | 99.3 %   | ✓   |
| Epitalon  | Quantitative Assay            | NLT 95% label claim<br>$\% = \frac{A_{TS}}{A_{STD}} \times \frac{C_{STD}}{C_{TS}} \times 100$                                       | 12.45 mg | ✓   |
|           | 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 & PERFORMING LABORATORY

### METHODS

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

#### 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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