



- Summary Report -

Test Product: **Semax 10mg**

Client: **Rhema Research Labs, LLC**

Description: 3ml clear glass vial of white lyophilized powder. (Red cap / Silver crimp)

Receive Date: 08-25-26

Batch/Lot #: 2026-1XA10

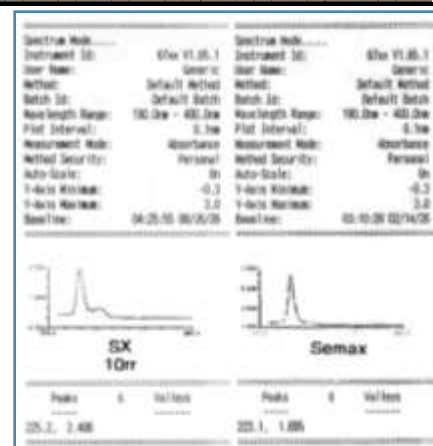
Manufacturer: ZYPT

COMPONENT	TEST	SPECIFICATION	RESULT
Semax	Qualitative ID Lambda Max	TS $\lambda_{\max}$ is a match compared to its characteristic reference standard.	Matches .: Pass
	Percent Purity Correlation Coefficient	NLT 98% $r_{xy} = \frac{\sum_{i=1}^n (x_i - \bar{x}) \cdot (y_i - \bar{y})}{\sqrt{\sum_{i=1}^n (x_i - \bar{x})^2} \cdot \sqrt{\sum_{i=1}^n (y_i - \bar{y})^2}}$	99.2% .: Pass
	Quantitative Assay Beer-Lambert	NLT 95% label claim (mg/vial) $\% = (A_{TS}/A_{STD}) \times (C_{STD}/C_{TS}) \times 100$	12.50mg .: Pass
	Heavy Metals Total Combined	NMT 100ppb Heavy Metals including Pb, Cd, Hg, Ni, Fe & Co.	<10 .: Pass
	TAMC (Total Aerobic Microbial Counts)	NMT 100 CFU/ml incubated 48hrs @ 98.6°F	0 .: Pass
	TYMC (Total Yeast and Mold Counts)	NMT 10 CFU/ml incubated 48hrs @ 86°F	0 .: Pass

Tested on a Jenway 6715 UV/Vis Spectrophotometer.

Discussion:

Sample received sealed and in good condition.



Performing Analyst Initial & Date:  1 September 2026

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