



- Summary Report -

Test Product: **Semax 10mg**

Receive Date: 03-23-26

Client: Rhema Research Labs, LLC

Batch/Lot #: 2026-3XA10

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

Manufacturer: PNC

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% $r_{xy} = \frac{\sum_{i=1}^n (x_i - \bar{x}) \cdot (y_i - \bar{y})}{\sqrt{\sum_{i=1}^n (x_i - \bar{x})^2} \cdot \sqrt{\sum_{i=1}^n (y_i - \bar{y})^2}}$	99.8% ∴ Pass
	Quantitative Assay Beer-Lambert	NLT 95% label claim (mg/vial) $\% = (A_{TS}/A_{STD}) \times (C_{STD}/C_{TS}) \times 100$	10.82mg ∴ Pass
	Heavy Metals	NMT 150ppb Combined Metals (including Pb, Cd, Hg, Ni, Fe & Co)	<10 ∴ Pass
	TAMC (Total Aerobic Microbial Counts)	NMT 1,000 CFU/ml* incubated 48hrs @ 37°C	0 ∴ Pass
	TYMC (Total Yeast and Mold Counts)	NMT 100 CFU/ml* incubated 48hrs @ 30°C	0 ∴ Pass

Tested on a Jenway 6715 UV/Vis Spectrophotometer.

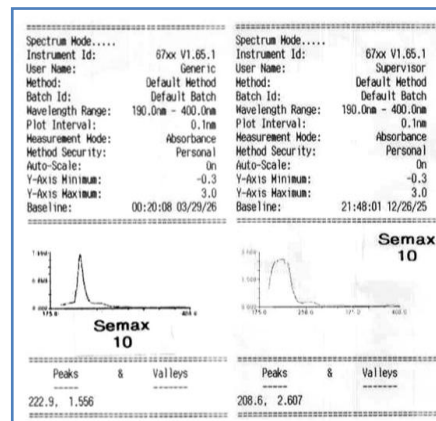
*Based on Substances for Pharmaceutical Use compendium.

Discussion:

Sample received sealed and in good condition.



Performing Analyst Initial & Date:  30 March 2026



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