



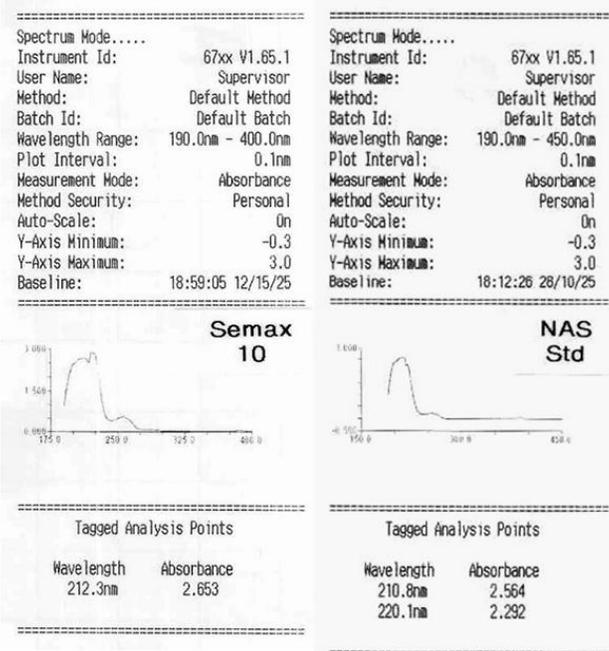
- Summary Report -

Test Product: Semax 10mg	Batch/Lot #: SE11LY120825
Client: Ten23 Labs	Receive Date: 12/12/2025
Description: 3ml glass vial of lyophilized powder. (Pink Cap / Silver Crimp)	Exp. Date: N/A

COMPONENT	TEST	SPECIFICATION	RESULT
Semax	Qualitative ID Lambda Max	TS λ_{max} is a match compared to its characteristic reference standard.	Matches ∴ Pass
	Percent Purity Correlation Coefficient	NLT 98% $r_{xy} = \frac{\sum_{i=1}^n (x_i - \bar{x}) \cdot (y_i - \bar{y})}{\sqrt{\sum_{i=1}^n (x_i - \bar{x})^2} \cdot \sqrt{\sum_{i=1}^n (y_i - \bar{y})^2}}$	99.7% ∴ Pass
	Quantitative Assay Beer-Lambert	NLT 95% label claim (mg/vial) $\% = (A_{TS}/A_{STD}) \times (C_{STD}/C_{TS}) \times 100$	10.35mg ∴ Pass

Discussion:

Sample received sealed and in good condition.
 Tested on a Jenway 6715 UV/Vis spectrophotometer with a pulsed Xe lamp using 1.0cm quartz cuvettes. System suitability, daily wavelength calibration, and standard check pass all SOP criteria.
 Sample meets all specifications requested for testing.



Performing Analyst Initial & Date: 16 December 2025

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