Analytical Formulations, Inc.
Premiere Consulting & Lab Services since 2008
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- Summary Report -

Test Product:	**PT-141 10mg**	**Batch/Lot #:**	PT10DP120825
Client:	**Ten23 Labs**	**Receive Date:**	12/12/2025
Description:	3ml glass vial of lyophilized powder. (Trans Red Cap / Red Crimp)	**Exp. Date:**	N/A

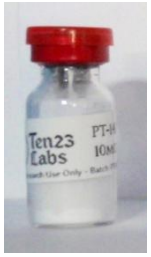
COMPONENT	TEST	SPECIFICATION	RESULT
PT-141	**Qualitative ID** Lambda Max	TS λ_{max} is a match compared to its characteristic reference standard.	**Matches** ∴ **Pass**
	Percent Purity Correlation Coefficient	NLT 98% $r_{xy} = \frac{\sum_{i=1}^{n}(x_i - \bar{x}) \cdot (y_i - \bar{y})}{\sqrt{\sum_{i=1}^{n}(x_i - \bar{x})^2} \cdot \sqrt{\sum_{i=1}^{n}(y_i - \bar{y})^2}}$	**99.4%** ∴ **Pass**
	Quantitative Assay Beer-Lambert	NLT 95% label claim (mg/vial) % = (A_{TS}/A_{STD}) x (C_{STD}/C_{TS}) x 100	**10.94mg** ∴ **Pass**

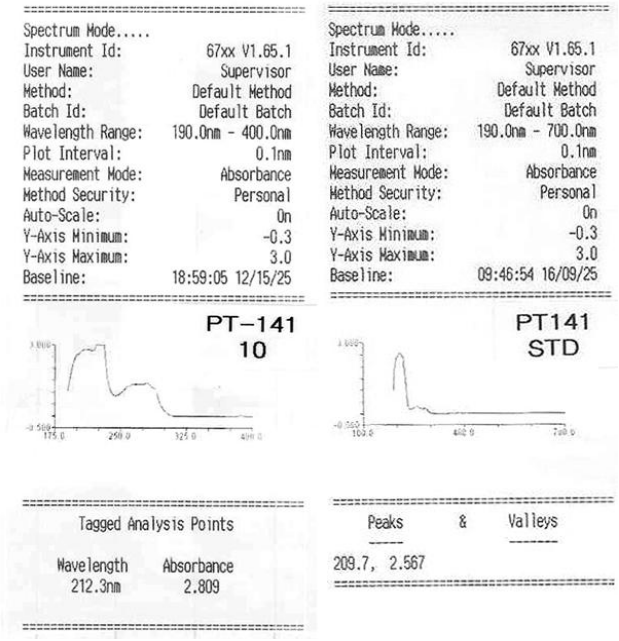
Discussion:

Sample received sealed and in good condition.

Tested on a Jenway 6715 UV/Vis spectrophotometer with a pulsed Xe lamp using 1.0cm quarts 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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