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- Summary Report -

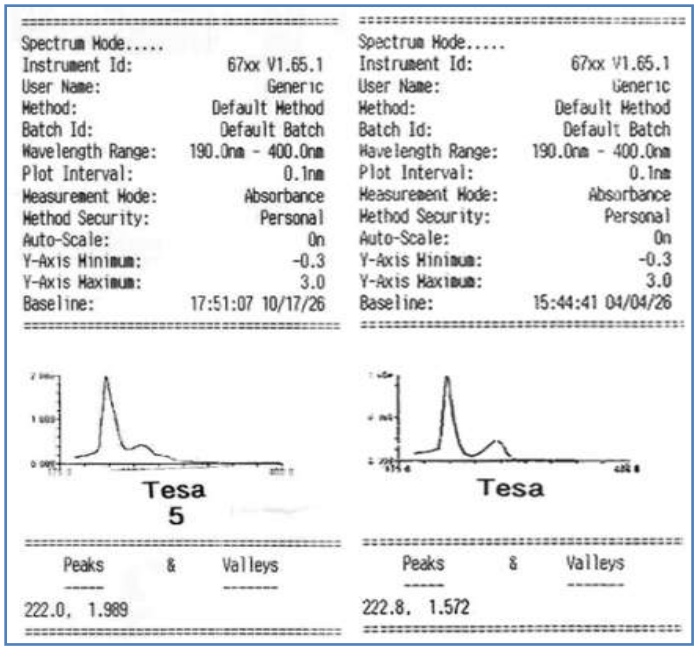
Test Product:	**Tesamorelin 5mg**	**Receive Date:**	10-13-26
Client:	**XL Peptides**	**Batch/Lot #:**	260TES
Description:	3ml clear glass vial of white lyophilized powder. (White Cap / Silver Crimp)	**Manufacturer:**	XL Peptides

COMPONENT	TEST	SPECIFICATION	RESULT
Tesamorelin	**Qualitative ID** Lambda Max	Test Sample (TS) λ_{max} matches its characteristic reference standard.	**Matches** ∴ **Pass**
	Percent Purity Correlation Coefficient	NLT 98% $r_{xy} = \frac{\sum_{i=1}^{n}(x_i - \bar{x}) \cdot (y_i - \bar{y})}{\sqrt{\sum_{i=1}^{n}(x_i - \bar{x})^2} \cdot \sqrt{\sum_{i=1}^{n}(y_i - \bar{y})^2}}$	**99.0%** ∴ **Pass**
	Quantitative Assay Beer-Lambert	NLT 95% label claim (mg/vial) % = (A_{TS}/A_{STD}) x (C_{STD}/C_{TS}) x 100	**5.663mg** ∴ **Pass**

Tested on a Jenway 6715 UV/Vis Spectrophotometer.

Discussion:
Sample received sealed and in good condition.





Performing Analyst **Initial & Date:** 20 October 2026

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