



- Summary Report -

Test Product: **MOTS-c 10mg**

Client: **XL Peptides**

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

Receive Date: 09-15-26

Batch/Lot #: 420MOT

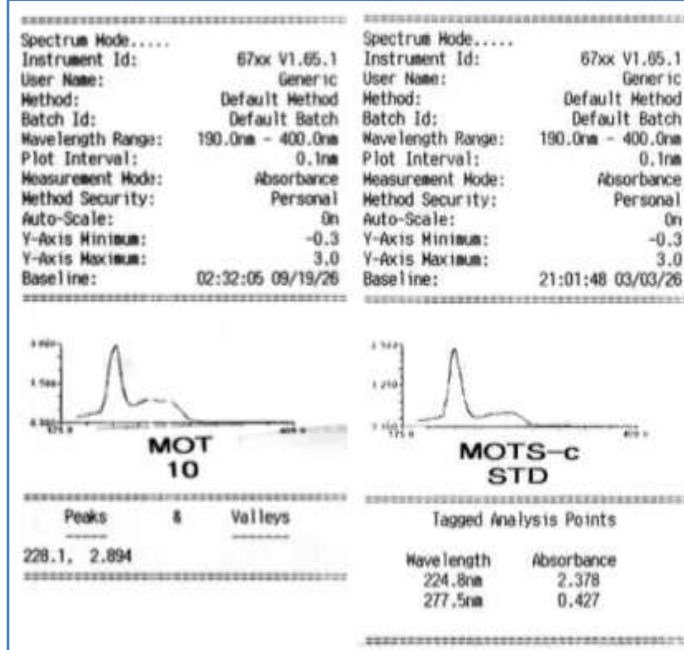
Manufacturer: XL Peptides

COMPONENT	TEST	SPECIFICATION	RESULT
MOTS-c	Qualitative ID Lambda Max	Test Sample (TS) $\lambda_{\max}$ matches its characteristic reference standard.	Matches .: Pass
	Percent Purity Correlation Coefficient	NLT 98% $r_{xy} = \frac{\sum_{i=1}^n (x_i - \bar{x}) \cdot (y_i - \bar{y})}{\sqrt{\sum_{i=1}^n (x_i - \bar{x})^2} \cdot \sqrt{\sum_{i=1}^n (y_i - \bar{y})^2}}$	99.2% .: Pass
	Quantitative Assay Beer-Lambert	NLT 95% label claim (mg/vial) $\% = (A_{TS}/A_{STD}) \times (C_{STD}/C_{TS}) \times 100$	10.30mg .: Pass

Tested on a Jenway 6715 UV/Vis Spectrophotometer.

Discussion:

Sample received sealed and in good condition.



Performing Analyst Initial & Date:  21 September 2026

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