



- Summary Report -

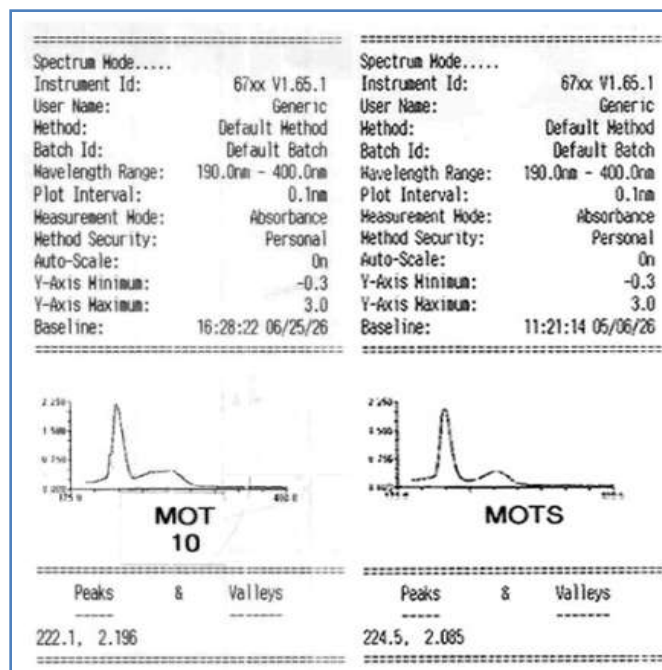
Test Product: MOTS-c 10mg	Receive Date: 06-22-26
Client: Hot Girl Labs Co.	Batch/Lot #: HGLMOT03
Description: 3ml clear glass vial of white lyophilized powder. (Clear cap / Green crimp)	Manufacturer: N/A

COMPONENT	TEST	SPECIFICATION	RESULT
MOTS-c	Qualitative ID Lambda Max	Test Sample (TS) λ_{max} matches its characteristic reference standard.	Matches .: Pass
	Percent Purity Correlation Coefficient	NLT 98% $r_{xy} = \frac{\sum_{i=1}^n (x_i - \bar{x}) \cdot (y_i - \bar{y})}{\sqrt{\sum_{i=1}^n (x_i - \bar{x})^2} \cdot \sqrt{\sum_{i=1}^n (y_i - \bar{y})^2}}$	99.4% .: Pass
	Quantitative Assay Beer-Lambert	NLT 95% label claim (mg/vial) $\% = (A_{TS}/A_{STD}) \times (C_{STD}/C_{TS}) \times 100$	11.06mg .: Pass

Tested on a Jenway 6715 UV/Vis spectrophotometer.

Discussion:

Sample received sealed and in good condition.



Performing Analyst Initial & Date:  28 June 2026

*Internal tracking copy: Batch/Lot value assigned by Hot Girl Labs.
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