



- Summary Report -

Test Product: MOTS-c 40mg

Receive Date: 10-02-26

Client: Grey Axis Research

Manufacturer: N/A

Description: 3ml clear glass vials (2) of white, lyophilized powder. (Yellow Caps / Silver Crimps)

Batch/Lot #: GX-MS40-11026

COMPONENT	TEST	SPECIFICATION	RESULT
Vial A	Qualitative ID Lambda Max	TS $\lambda_{\max}$ 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) $\% = (A_{TS}/A_{STD}) \times (C_{STD}/C_{TS}) \times 100$	45.03mg ∴ Pass
Vial B	TAMC (Total Aerobic Microbial Counts)	NMT 100 CFU/ml incubated 48hrs @ 98.6°F	0 ∴ Pass
	TYMC (Total Yeast and Mold Counts)	NMT 10 CFU/ml incubated 48hrs @ 86°F	0 ∴ Pass

Tested on a Jenway 6715 UV/Vis Spectrophotometer.

Discussion:

Sample received sealed and in good condition.

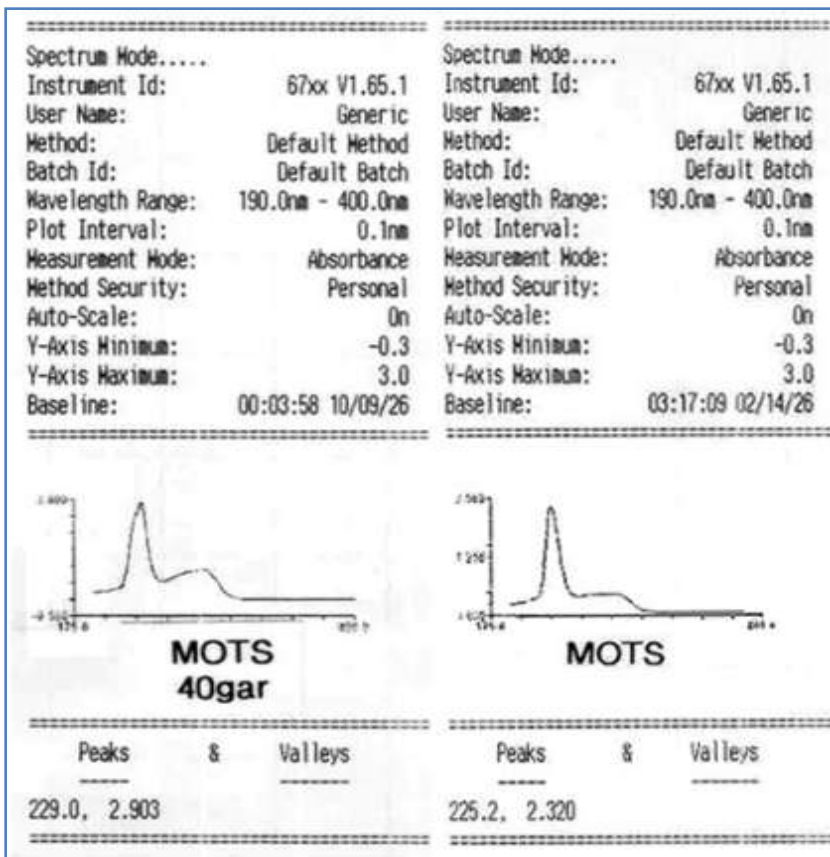


Performing Analyst Initial & Date:  13 October 2026

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RAW DATA



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