BTLabs
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Report #:
IF-582-WKM-TR304-2026-789-21

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Title:

Certificate of Analysis (CoA)

Date:	3rd October 2026
Date Tested:	3rd October 2026
Customer:	
Testing material:	MOTS-e
Lot Number:	K7Y3H1P9
BT Sample ID:	473829105647382
Labeled Peptide Content/Potency:	MOTS-c 20 mg
Storage:	-20 °C
Packing material:	Clear glass vial with white label, gold crimp and clear cap
Labeled as:	MOTS-c
Manufacturer:	Valyria Peptides
Testing Purpose:	FTIR and HPLC analysis for the identification, purity, potency and composition of a peptide product. It does not provide information on particulate matter, microbial contamination or presence of endotoxins.

Test	Method	Specification	Result
General Appearance	USP <630>	White powder	White powder
Mass	USP <41>	As recorded	100.0 mg
FTIR Identification and Composition Analysis	USP <197A>	Sample spectrum should confirm the content of peptide via characteristic bands	FTIR sample spectrum confirms the presence of peptide with addition of excipient(s)/fillers such as mannitol.
HPLC Purity of Peptide Assay	USP <621>	Specifications: ≥ 98 %	99.5 %
HPLC Putency Assay	USP <621>	Specifications: 95 – 105% of 20 mg	21.8 mg (108.9 %)

The results of the CFA relate only to the item(s) tested and applied to the sample as received.

Kimberly Quinn, MS

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