



Title:

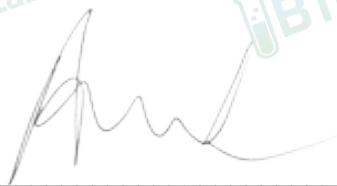
Certificate of Analysis (CoA)

Date: 5/11/2026
Date Tested: 5/7/2026
Customer: VeriPure
Testing material: Blind Study
Lot Number: Red_Cap
BT Sample ID: 005000039919285
Labeled Peptide Content/Potency: Unknown
Storage: R.T.
Visual Description: Small clear vial: white sample, holographic label, silver crimp, red plastic cap.
Labeled as: Blind_Study
Manufacturer: N/A
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	65.8 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 Thymosin Alpha with addition of excipient(s)/fillers.
HPLC Purity of Peptide Assay	USP <621>	Specifications: $\geq 98\%$	99.7 %
HPLC Potency Assay	USP <621>	Specifications: Blind Testing	11.7 mg
Peptide-to-Excipients Ratio	USP <1151>	Recommended ratios of (1:2) to (1:10) for (peptide: excipients)	11.7 : 54.1 mg (1:4.6)

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



Andrea Castro, AS
Scientist-II
BTLabs



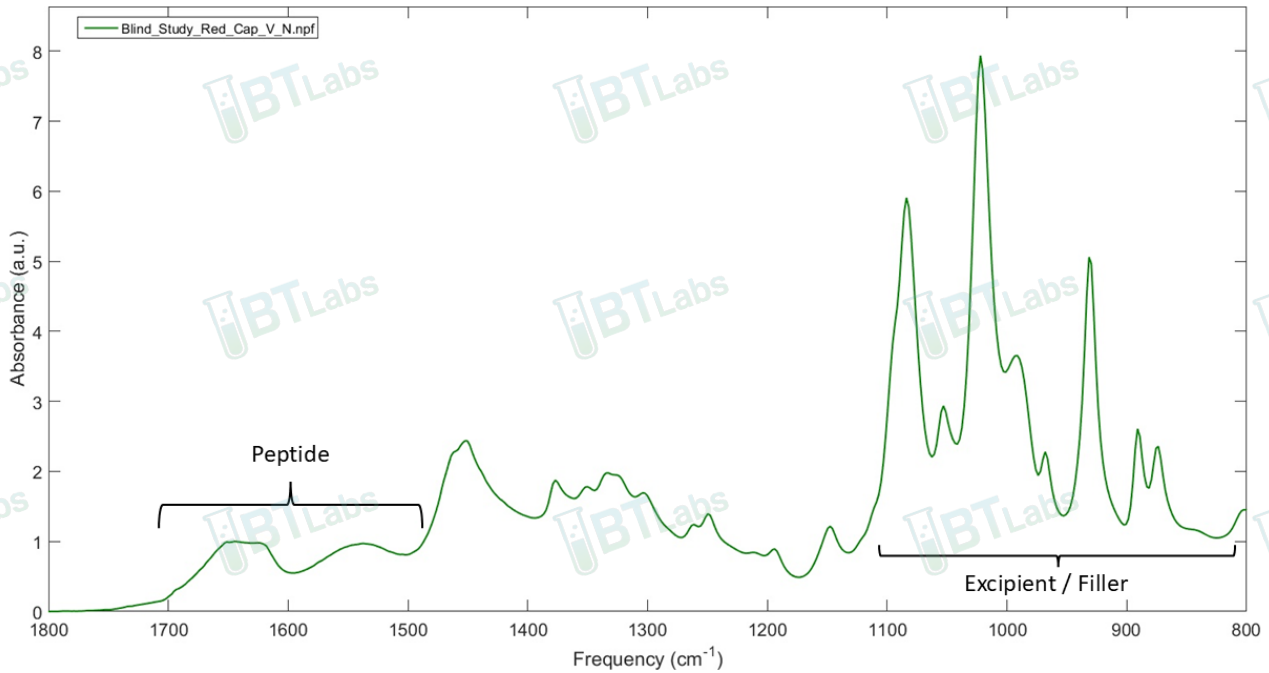
Verna Zheng, AS
Scientist-II
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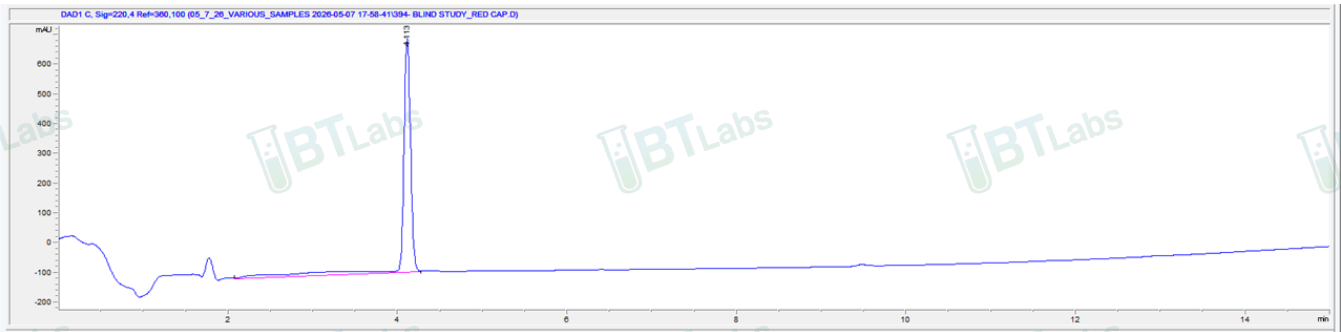
Title:

Certificate of Analysis (CoA)

FTIR ID and Composition Analysis: Blind Study Lot Red Cap



HPLC Purity and Potency Assay @ 220 nm: Blind Study Lot Red Cap



Blind Study Lot Red Cap @ 220 nm

Peak #:	Retention Time (min)	Area (mAU*s)
1	4.113	5383.2