



Report #:

COA261620-014

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Title:

Certificate of Analysis (CoA)



Date:

9/26/2026

Date Tested:

9/24/2026

Customer:

Encore Aminos

Testing material:

Melanotan II

Lot Number:

VB BS CG AJ

Sample ID:

BTL261620-014

Content/Potency:

10 mg

Storage:

R.T.

Visual Description:

Small clear vial: white sample, white label, silver crimp, purple plastic cap.

Labeled as:

Melanotan II

Manufacturer:

Encore Aminos

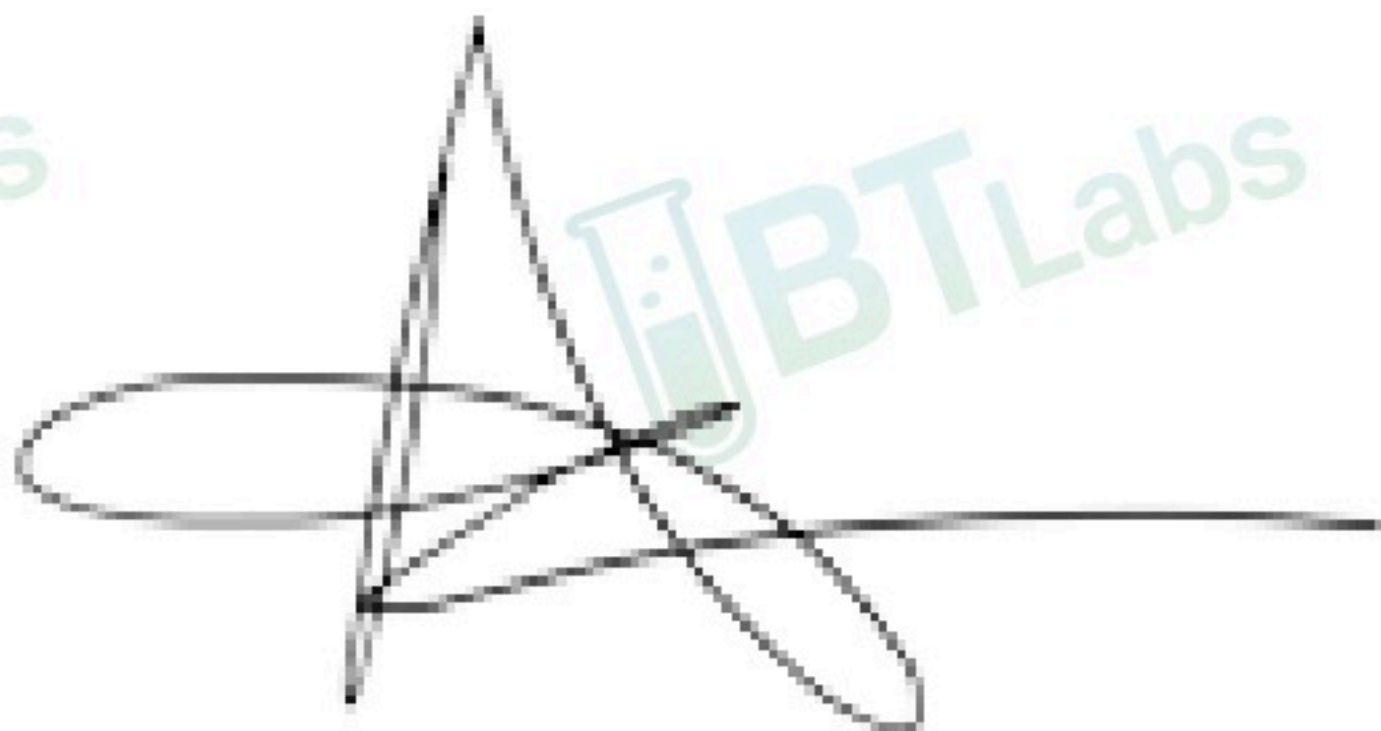
Testing Purpose:

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.

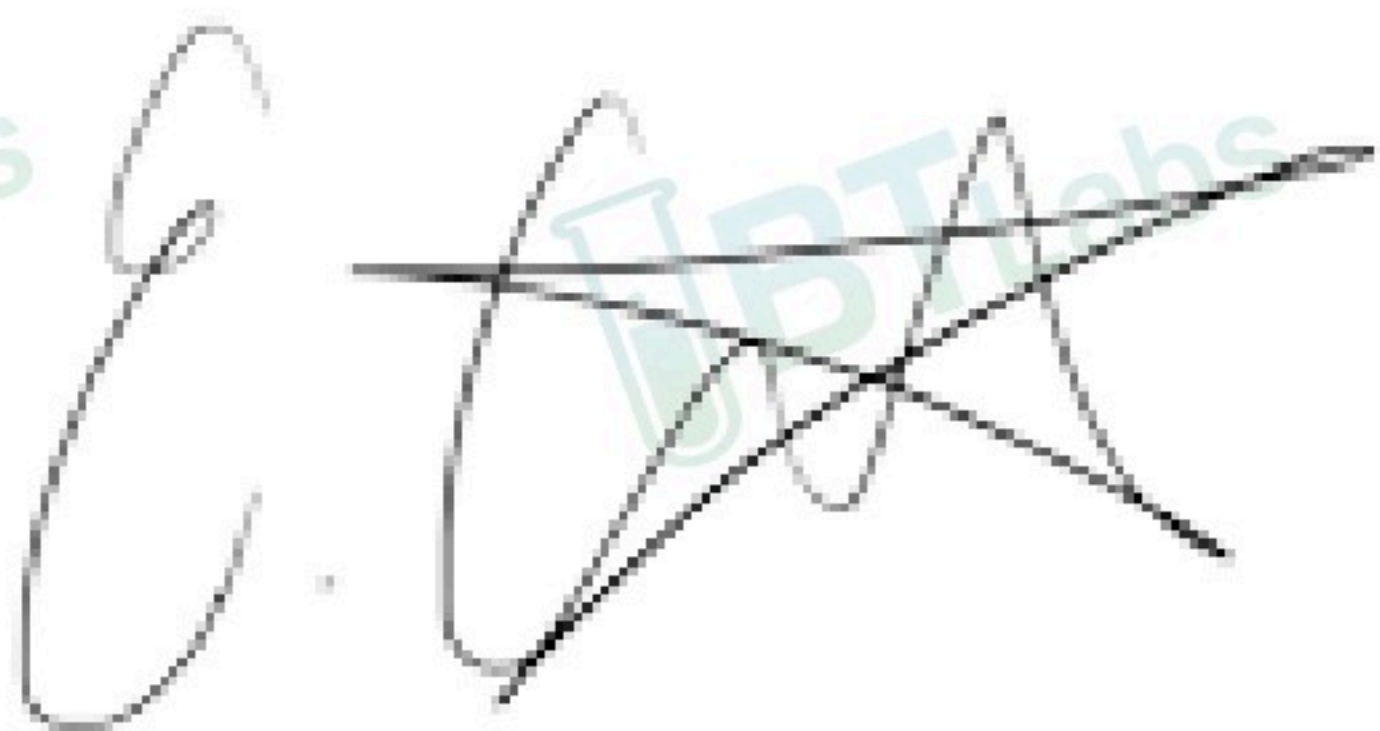


Test	Method	Specification	Result
General Appearance	USP <630>	white powder	white powder
Mass	USP <41>	As recorded	97.3 mg
FTIR Identification and Composition Analysis	USP <197A>	Sample spectrum should confirm the content of peptide via characteristic bands	FTIR sample spectrum confirms the presence of Melanotan II with addition of excipient(s)/fillers.
HPLC Purity of Peptide Assay	USP <621>	Specifications: $\geq 98\%$	99.9 %
HPLC Potency Assay	USP <621>	Specifications: 90 – 110% of 10 mg	12.7 mg (127.1 %)
Peptide-to-Excipients Ratio	USP <1151>	Recommended ratios of (1:0) to (1:10) for (peptide: excipients)	12.7 : 84.6 mg (1:6.7)

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



Andrea Castro, BS
Scientist-II
BTLabs



Escarlet Cabrieles, BS
Scientist-II
BTLabs

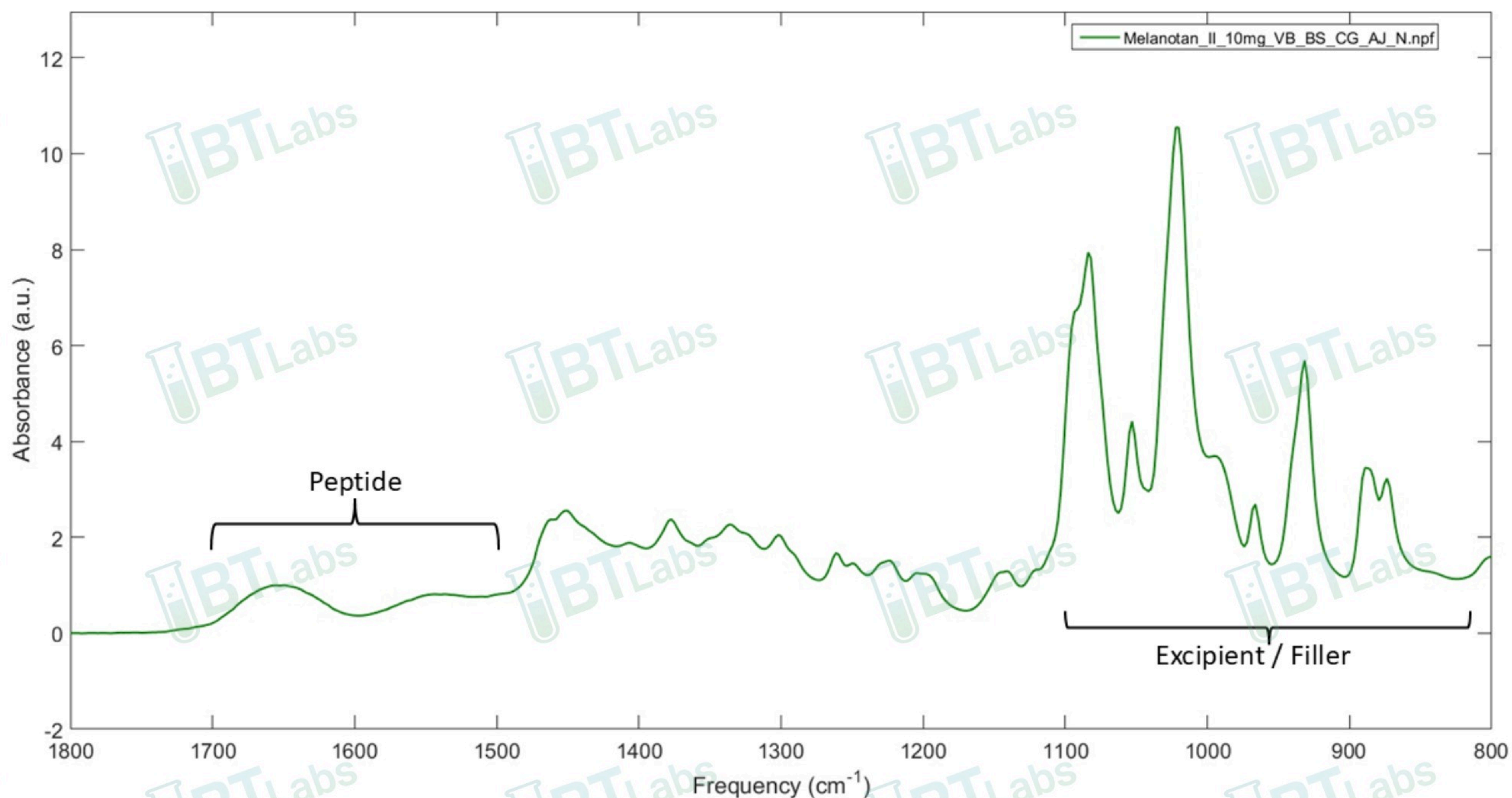
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Title:

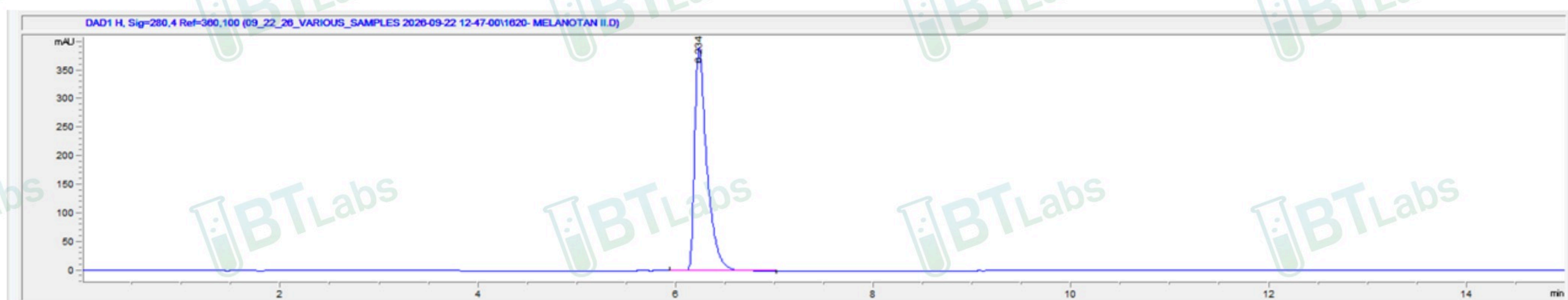
Certificate of Analysis (CoA)



FTIR ID and Composition Analysis: Melanotan II Lot VB BS CG AJ



HPLC Purity and Potency Assay @ 280 nm: Melanotan II Lot VB BS CG AJ



Melanotan II Lot VB BS CG AJ @ 280 nm

Peak #:	Retention Time (min)	Area (mAU*s)
1	6.234	3351.6