

Title:

Certificate of Analysis (CoA)

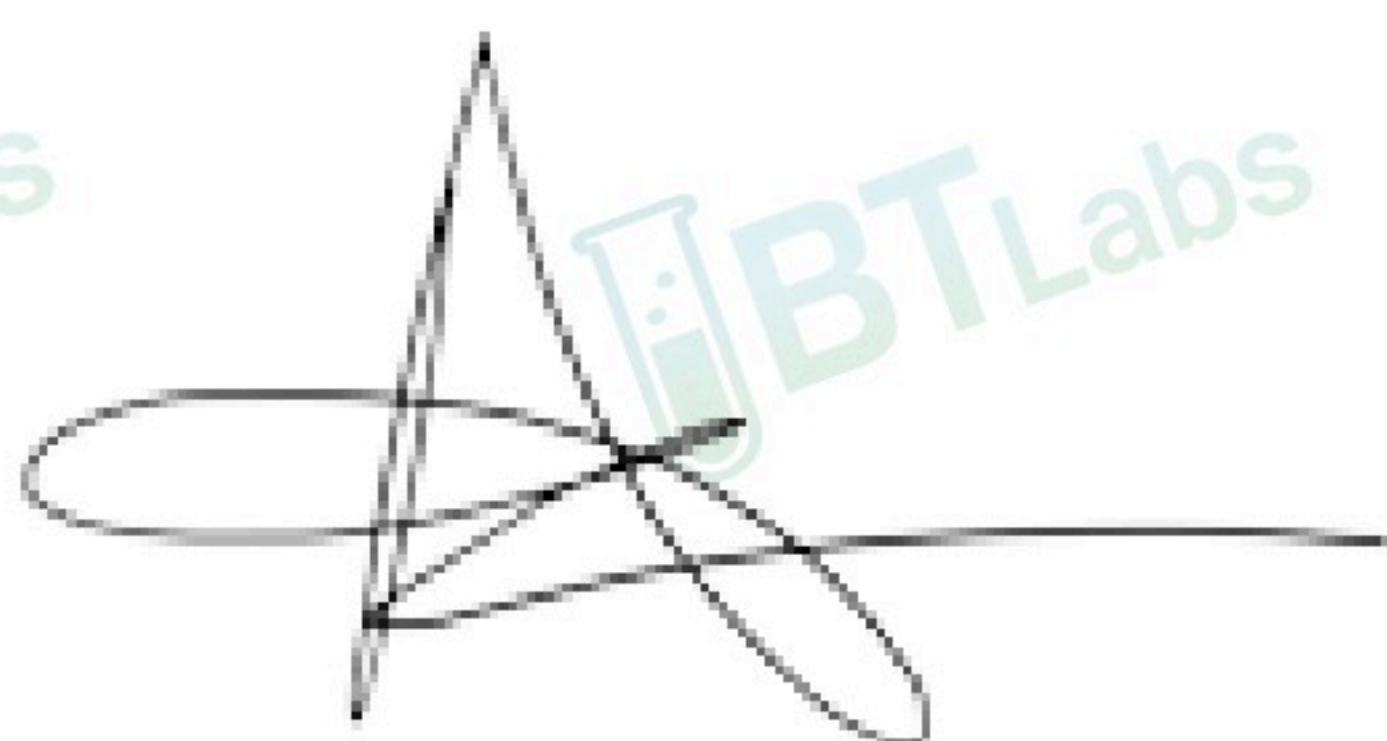


Date: 9/26/2026
Date Tested: 9/24/2026
Customer: Encore Aminos
Testing material: Melanotan I
Lot Number: VB BR CG AU
Sample ID: BTL261620-013
Content/Potency: 10 mg
Storage: R.T.
Visual Description: Small clear vial: white sample, white label, silver crimp, pink plastic cap.
Labeled as: Melanotan I
Manufacturer: 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.

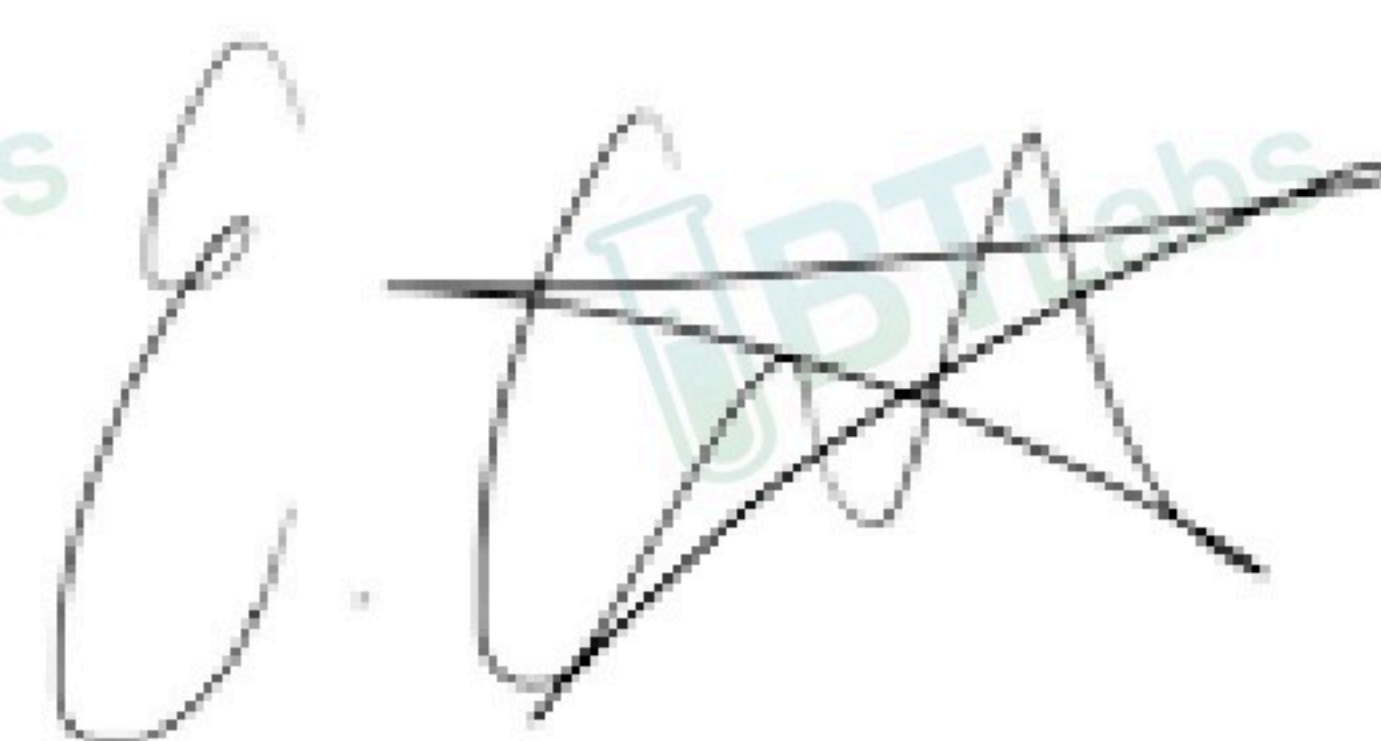


Test	Method	Specification	Result
General Appearance	USP <630>	white powder	white powder
Mass	USP <41>	As recorded	82.3 mg
FTIR Identification and Composition Analysis	USP <197A>	Sample spectrum should confirm the content of peptide via characteristic bands	FTIR sample spectrum confirms the presence of Melanotan I 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	12.6 mg (125.6 %)
Peptide-to-Excipients Ratio	USP <1151>	Recommended ratios of (1:0) to (1:10) for (peptide: excipients)	12.6 : 69.7 mg (1:5.6)

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



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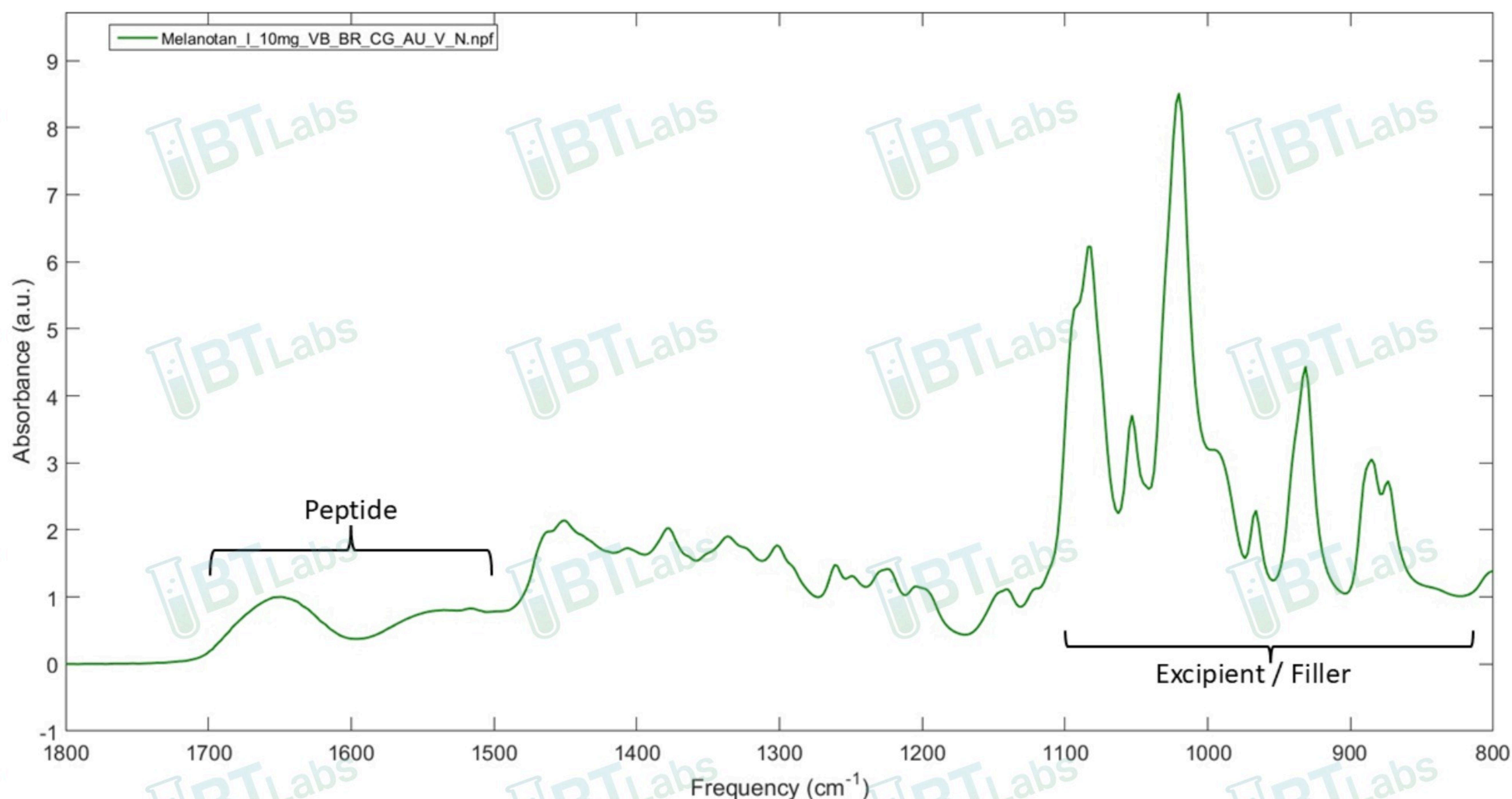
E-mail: info@btlabtesting.com | Website: <https://btlabtesting.com>

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FTIR ID and Composition Analysis: Melanotan I Lot VB BR CG AU



HPLC Purity and Potency Assay @ 280 nm: Melanotan I Lot VB BR CG AU



Melanotan I Lot VB BR CG AU @ 280 nm

Peak #:	Retention Time (min)	Area (mAU*s)
1	5.27	3017.1