



Report #:

COA261200-007

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Title:

Certificate of Analysis (CoA)



Date: 9/2/2026
Date Tested: 8/28/2026
Customer: CHOICEPEPS
Testing material: Melanotan I
Lot Number: CP-MT1-2608
Sample ID: BTL260812-013-007
Content/Potency: 10 mg
Storage: R.T.
Visual Description: Small amber vial: white sample, white label, silver crimp, white plastic cap.
Labeled as: Melanotan I
Manufacturer: E2
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	61.3 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: $\geq 98\%$	99.8 %
HPLC Potency Assay	USP <621>	Specifications: 90 – 110% of 10 mg	11.7 mg (117.5 %)
Peptide-to-Excipients Ratio	USP <1151>	Recommended ratios of (1:0) to (1:10) for (peptide: excipients)	11.7 : 49.6 mg (1:4.2)

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

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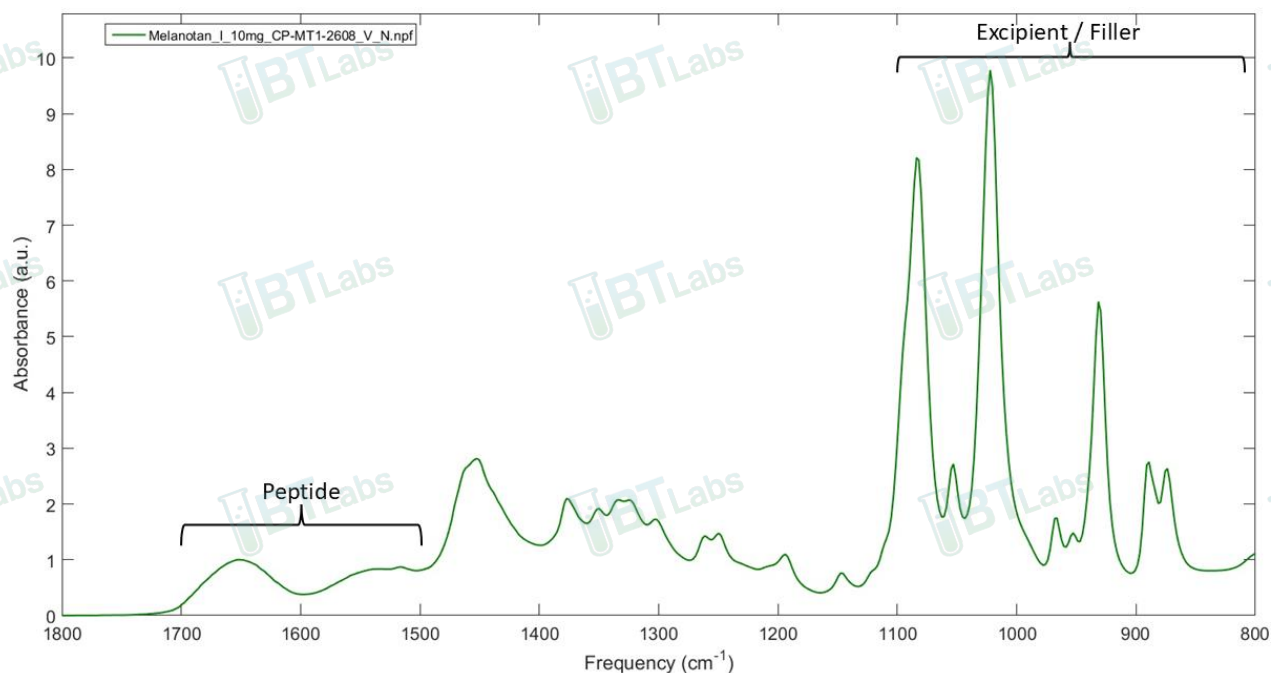
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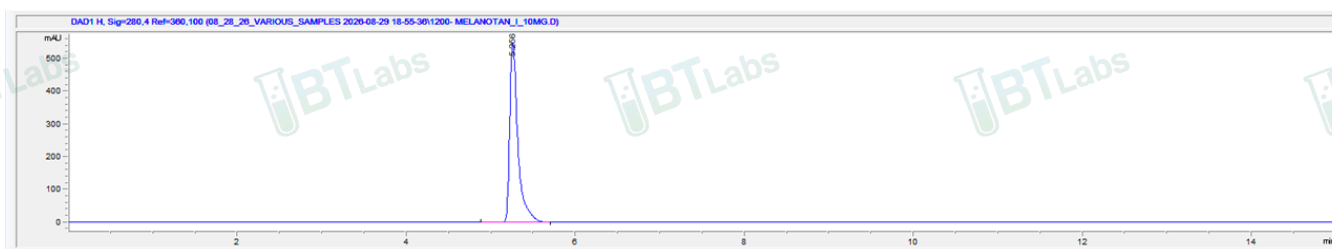
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FTIR ID and Composition Analysis: Melanotan I Lot CP-MT1-2608



HPLC Purity and Potency Assay @ 280 nm: Melanotan I Lot CP-MT1-2608



Melanotan I Lot CP-MT1-2608 @ 280 nm

Peak #:	Retention Time (min)	Area (mAU*s)
1	5.256	3767.2

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