Title:

Certificate of Analysis (CoA)

Date: 10/23/2026
Date Tested: 10/19/2026
Customer: Discovernuera.com
Testing material: Melanotan II
Lot Number: unspecified
Sample ID: BTL261012-007-002
Content/Potency: 10 mg
Storage: R.T.
Visual Description: Small clear vial: white sample, gray label, silver crimp, black plastic cap.
Labeled as: Melanotan II
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	89.4 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: ≥ 98 %	99.9 %
HPLC Potency Assay	USP <621>	Specifications: 90 – 110% of 10 mg	11.4 mg (114.4 %)
Peptide-to-Excipients Ratio	USP <1151>	Recommended ratios of (1:0) to (1:10) for (peptide: excipients)	11.4 : 78 mg (1:6.8)

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

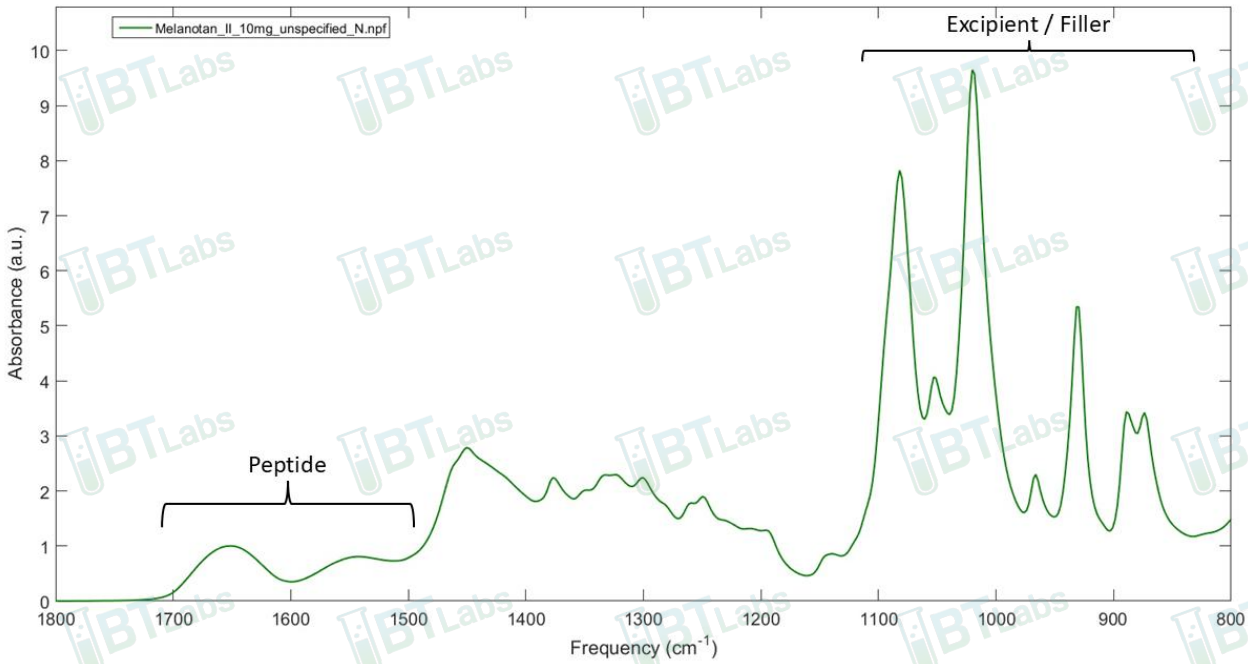
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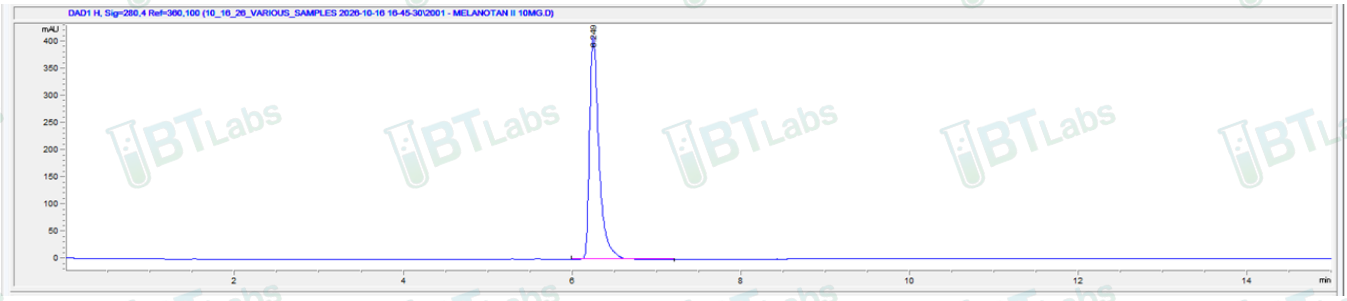
Title:

Certificate of Analysis (CoA)

FTIR ID and Composition Analysis: Melanotan II Lot unspecified



HPLC Purity and Potency Assay @ 280 nm: Melanotan II Lot unspecified



Melanotan II Lot unspecified @ 280 nm		
Peak #:	Retention Time (min)	Area (mAU*s)
1	6.249	3192.4