



Report #:

IF-824-QSA-TR006-BTL26618-04

Page 1 of 2



Title:

Certificate of Analysis (CoA)

Date: 6/3/2026
Date Tested: 6/1/2026
Customer: Double Helix Labs
Testing material: Melanotan_II
Lot Number: MT005
BT Sample ID: 005000040255754
Labeled Peptide Content/Potency: 10 mg
Storage: R.T.
Visual Description: Small clear vial: white sample, holographic label, silver crimp, black plastic cap.
Labeled as: Melanotan_II
Manufacturer: AGPS
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	49.8 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 Melanotan_II 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	11.4 mg (114.4 %)
Peptide-to-Excipients Ratio	USP <1151>	Recommended ratios of (1:2) to (1:10) for (peptide: excipients)	11.4 : 38.4 mg (1:3.4)

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
BTLabs

5730 Corporate Way | Suite 220 | West Palm Beach, FL 33407

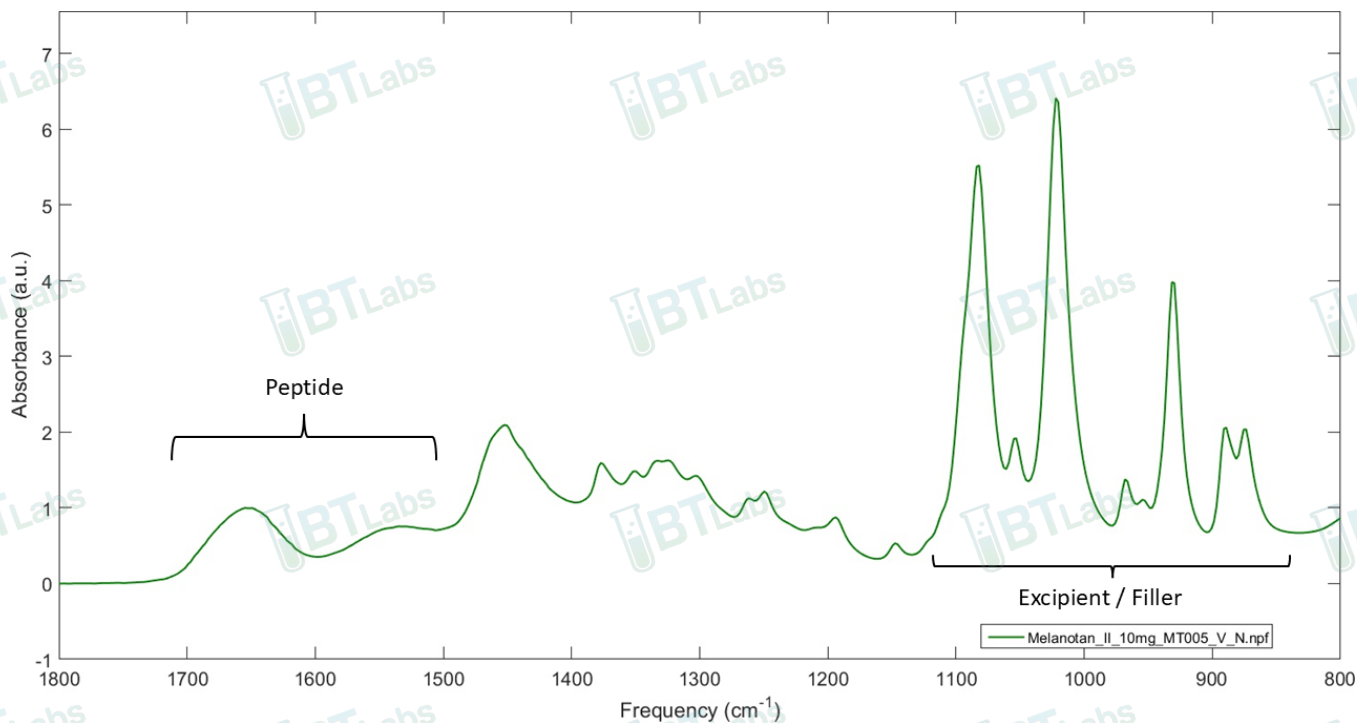
Phone: (561) 625-0133

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

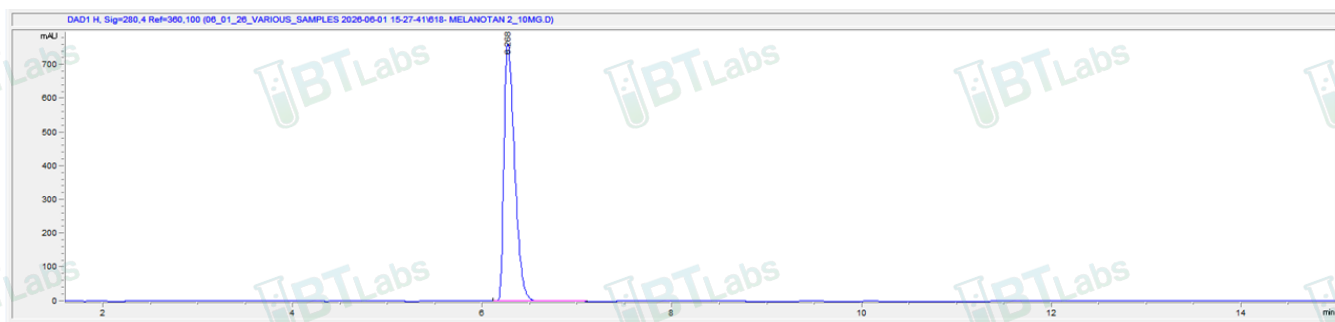
Title:

Certificate of Analysis (CoA)

FTIR ID and Composition Analysis: Melanotan II Lot MT005



HPLC Purity and Potency Assay @ 280 nm: Melanotan II Lot MT005



Melanotan II Lot MT005 @ 280 nm

Peak #:	Retention Time (min)	Area (mAU*s)
1	6.268	5986.6

5730 Corporate Way | Suite 220 | West Palm Beach, FL 33407

Phone: (561) 625-0133

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