



Title:

Certificate of Analysis (CoA)

Date: 4/20/2026
Date Tested: 4/17/2026
Customer: BW Compounds
Testing material: Melanotan_II
Lot Number: BWC-ML10-2346
BT Sample ID: 005000039656152
Labeled Peptide Content/Potency: 10 mg
Storage: R.T.
Visual Description: Small clear vial: white sample, white label, silver crimp, yellow 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 | 72.3 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 | 17.5 mg (174.7 %) |
| Peptide-to-Excipients Ratio | USP <1151> | Recommended ratios of (1:2) to (1:10) for (peptide: excipients) | 17.5 : 54.8 mg (1:3.1) |

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



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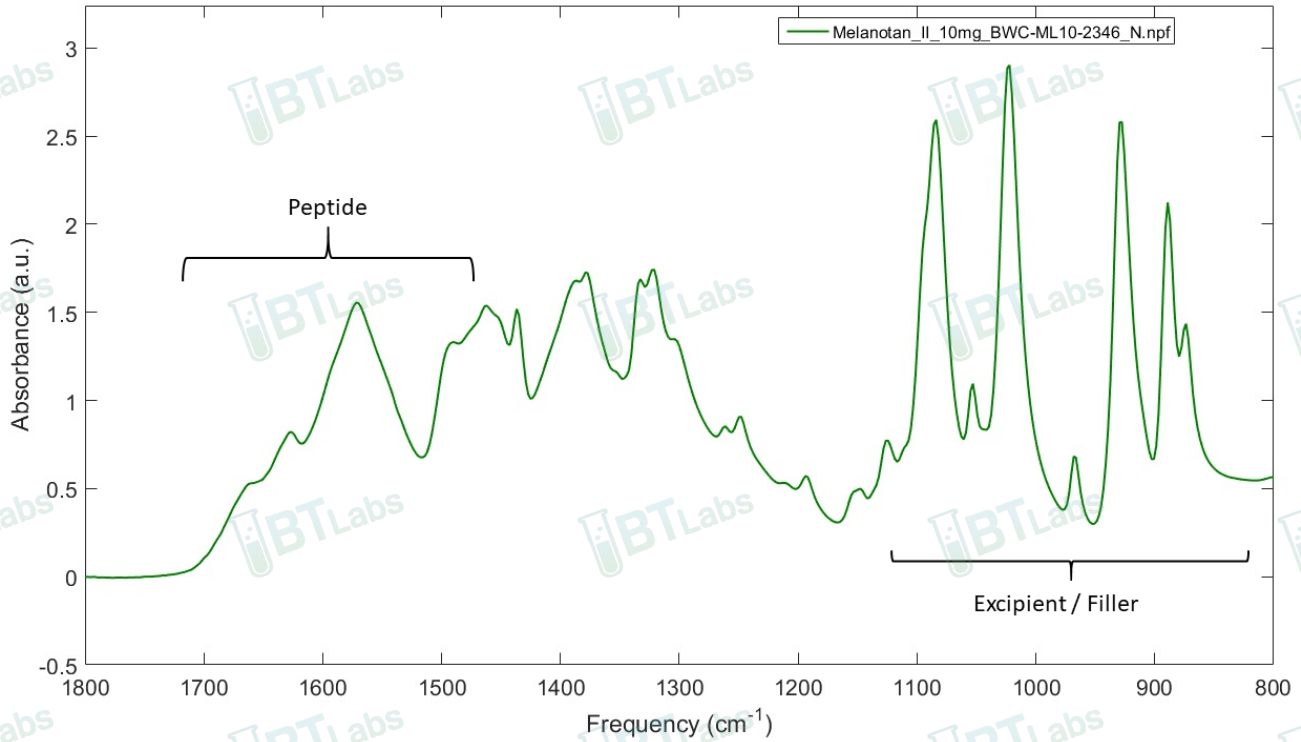
E-mail: info@btlabtesting.com | Website: <https://btlabtesting.com>



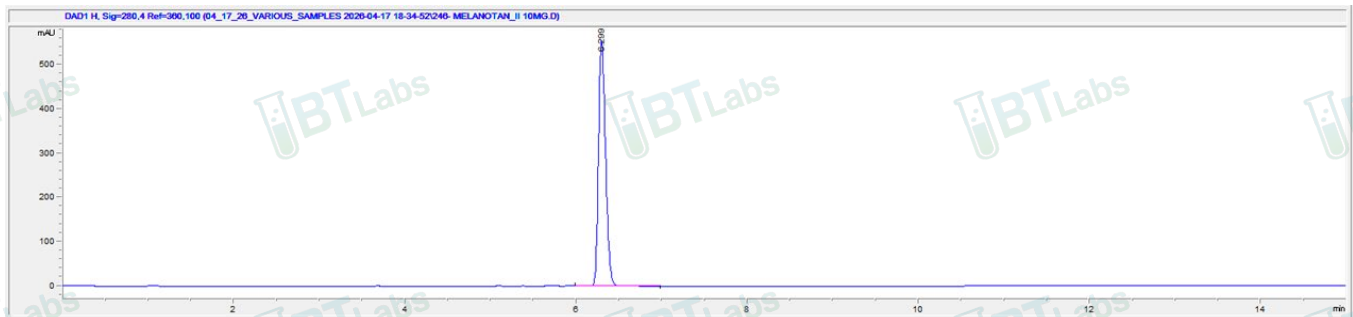
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FTIR ID and Composition Analysis: Melanotan II Lot BWC-ML10-2346



HPLC Purity and Potency Assay @ 280 nm: Melanotan II Lot BWC-ML10-2346



Melanotan II Lot BWC-ML10-2346 @ 280 nm

| Peak #: | Retention Time (min) | Area (mAU*s) |
|---------|----------------------|--------------|
| 1 | 6.299 | 3139.3 |