



Report #:

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Title:

Certificate of Analysis (CoA)

Date: 5/30/2026
Date Tested: 5/25/2026
Customer: Finnrick
Testing material: Melanotan_II
Lot Number: A2TYZH9
BT Sample ID: 005000040197419
Labeled Peptide Content/Potency: 10 mg
Storage: R.T.
Visual Description: Small clear vial: white sample, white label, silver crimp, white 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	61.6 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 %	99.8 %
HPLC Potency Assay	USP <621>	Specifications: 90 – 110% of 10 mg	10.6 mg (105.8 %)
Peptide-to-Excipients Ratio	USP <1151>	Recommended ratios of (1:2) to (1:10) for (peptide: excipients)	10.6 : 51.02 mg (1:4.8)

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

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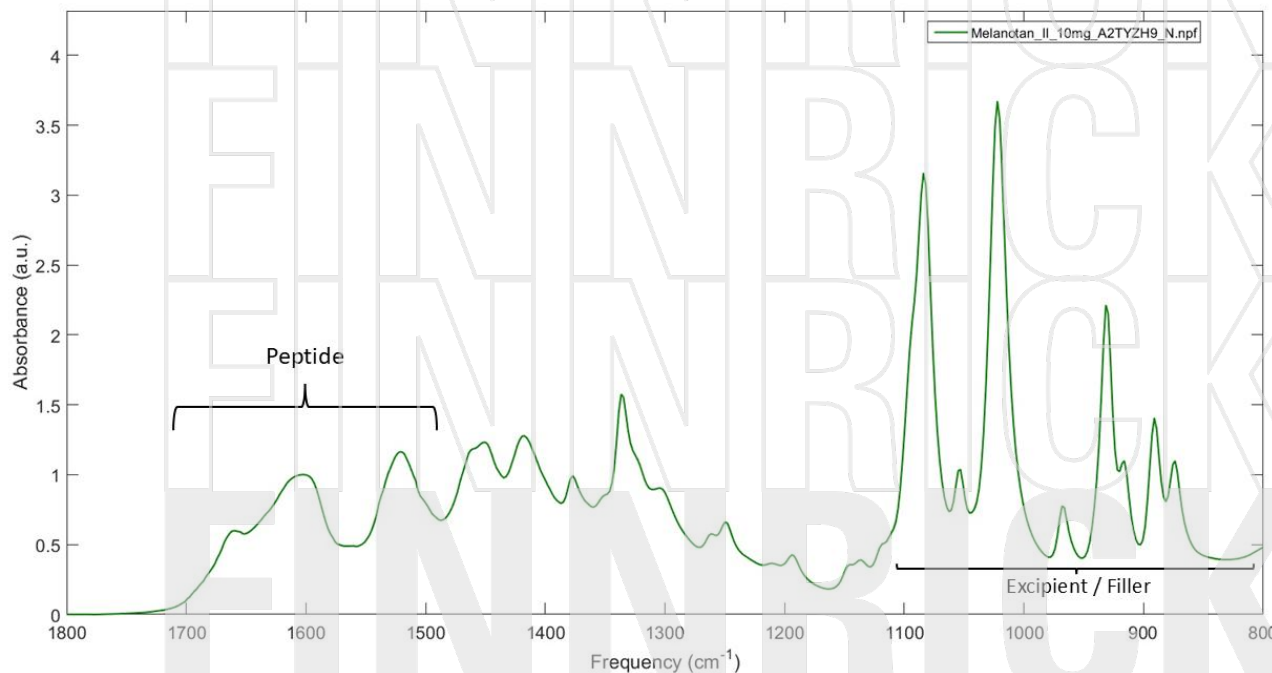
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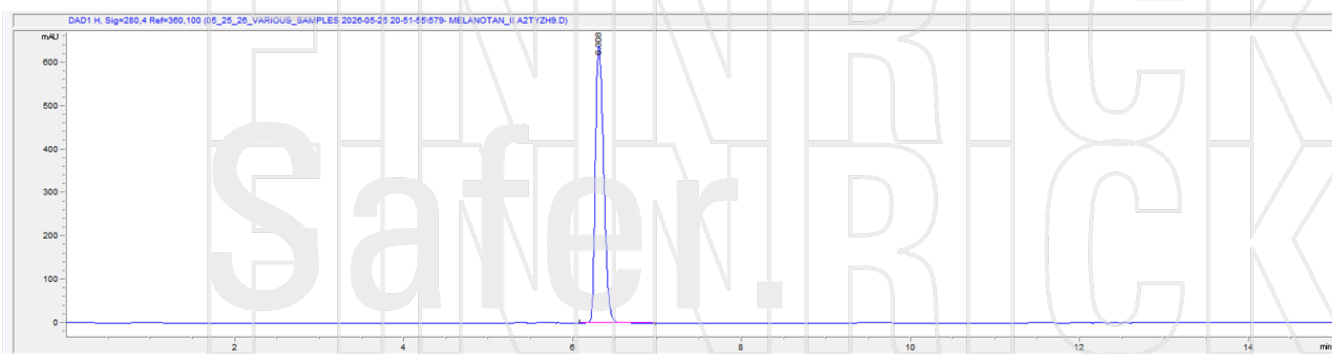
Title:

Certificate of Analysis (CoA)

FTIR ID and Composition Analysis: Melanotan II Lot A2TYZH9



HPLC Purity and Potency Assay @ 280 nm: Melanotan II Lot A2TYZH9



Melanotan II Lot A2TYZH9 @ 280 nm

Peak #:	Retention Time (min)	Area (mAU*s)
1	6.308	4385.2

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