



Report #:

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Title:

Certificate of Analysis (CoA)

Date: 3/18/2026
Date Tested: 3/13/2026
Customer: Finnrick
Testing material: Pinealon
Lot Number: 5H6JBGG
BT Sample ID: 005000039245081
Labeled Peptide Content/Potency: 20 mg
Storage: R.T.
Visual Description: Small clear vial: white sample, white label, bronze crimp, clear plastic cap.
Labeled as: Pinealon
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	150.5 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 Pinealon 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 20 mg	21.2 mg (106 %)
Peptide-to-Excipients Ratio	USP <1151>	Recommended ratios of (1:2) to (1:10) for (peptide: excipients)	21.2 : 130.5 mg (1:6.2)

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

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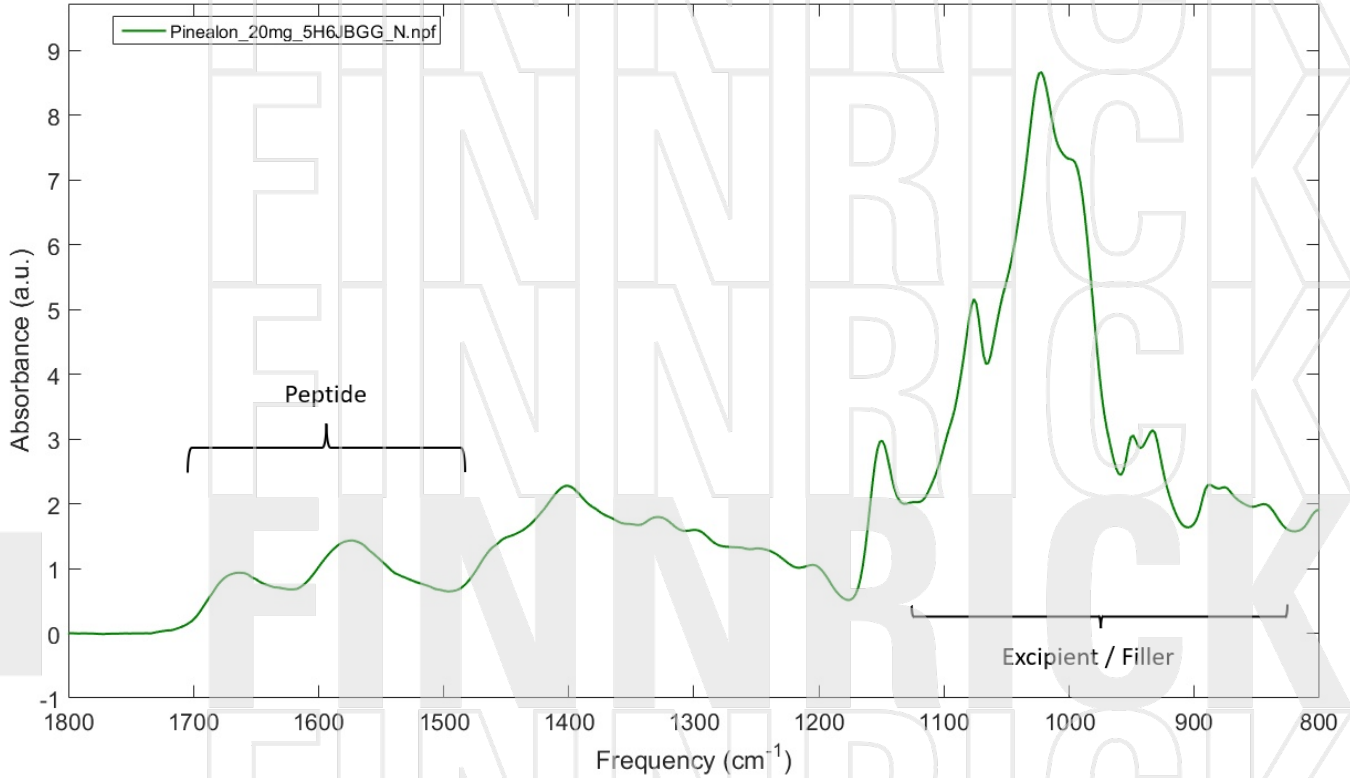
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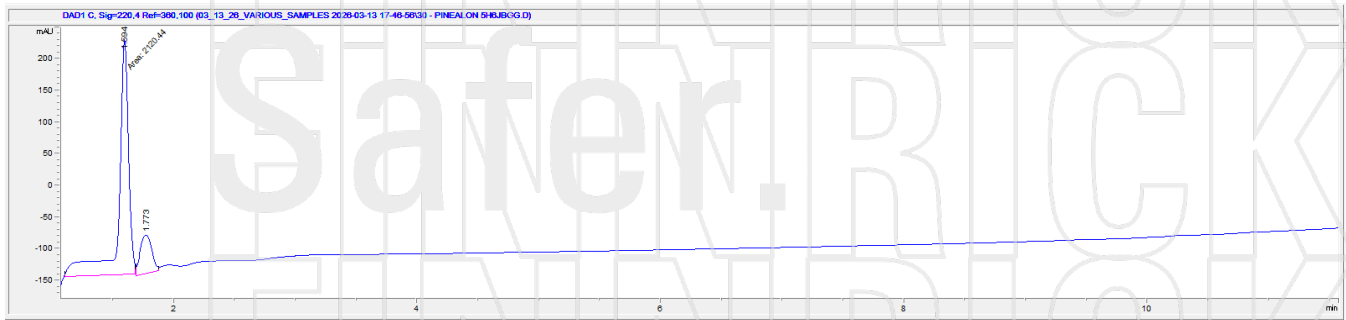
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FTIR ID and Composition Analysis: Pinealon Lot 5H6JBGG



HPLC Purity and Potency Assay @ 220 nm: Pinealon Lot 5H6JBGG



Pinealon Lot 5H6JBGG @ 220 nm		
Peak #:	Retention Time (min)	Area (mAU*s)
1	1.594	2120.4
2	1.773	407.6

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