



Report #:

COA261206-003

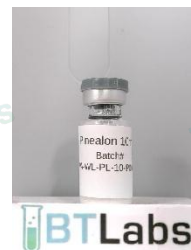
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Title:

Certificate of Analysis (CoA)



Date: 9/3/2026
Date Tested: 8/30/2026
Customer: Pedro's Research Peptides
Testing material: Pinealon
Lot Number: PPA-WL-PL10-P00702
Sample ID: BTL260805-030-003
Content/Potency: 10 mg
Storage: R.T.
Visual Description: Small clear vial: white sample, white label, silver crimp, grey plastic cap.
Labeled as: Pinealon
Manufacturer: LUMIRA
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	63.6 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 Pinealon with addition of excipient(s)/fillers.
HPLC Purity of Peptide Assay	USP <621>	Specifications: $\geq 98\%$	99.5 %
HPLC Potency Assay	USP <621>	Specifications: 90 – 110% of 10 mg	10.4 mg (103.6 %)
Peptide-to-Excipients Ratio	USP <1151>	Recommended ratios of (1:0) to (1:10) for (peptide: excipients)	10.4 : 43.3 mg (4.2)

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

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IF - 824 - QSA - TR006

Rev 1.1 August 2026



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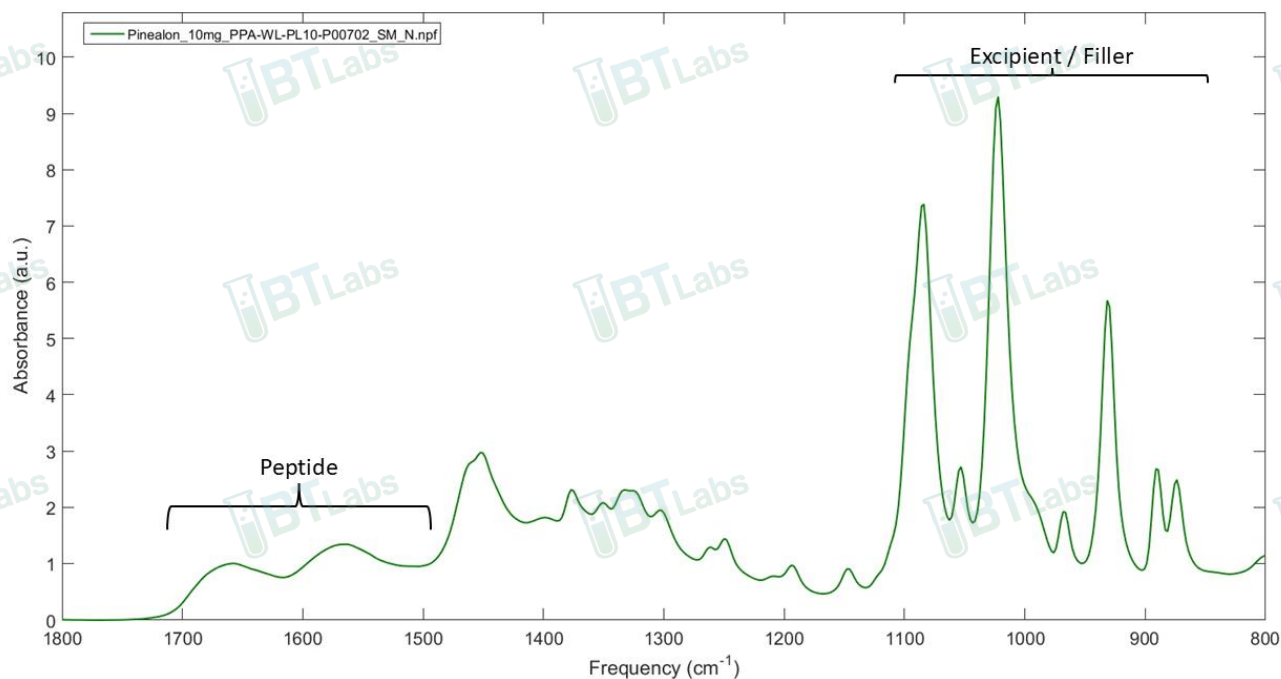
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Title:

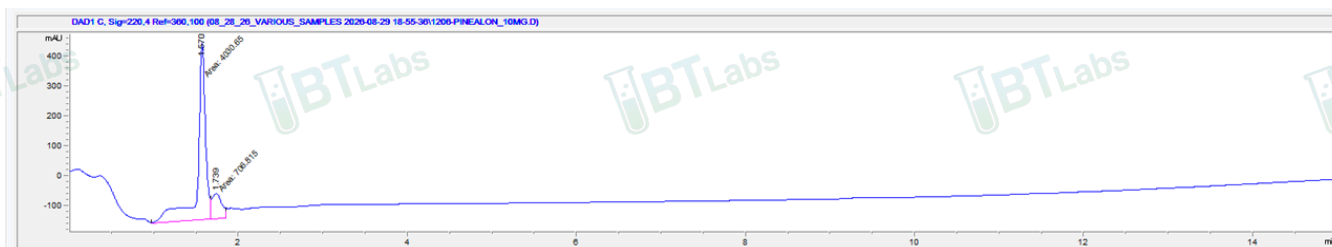
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FTIR ID and Composition Analysis: Pinealon Lot PPA-WL-PL10-P00702



HPLC Purity and Potency Assay @ 220 nm: Pinealon Lot PPA-WL-PL10-P00702



Pinealon Lot PPA-WL-PL10-P00702 @ 220 nm

Peak #:	Retention Time (min)	Area (mAU*s)
1	1.57	4030.7

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