Title:

Certificate of Analysis (CoA)

Date: 6/2/2026
Date Tested: 5/29/2026
Customer: Royal Peptide Labs
Testing material: KLOW
Lot Number: unspecified
BT Sample ID: 005000040246622
Labeled Peptide Content/Potency: 80 mg
Storage: R.T.
Visual Description: Small clear vial: purple sample, silver holographic label, silver crimp, blue plastic cap.
Labeled as: KLOW
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>	purple powder	purple powder
Mass	USP <41>	As recorded	184.5 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 KLOW with addition of excipient(s)/fillers.
HPLC Purity of Peptide Assay	USP <621>	Specifications: ≥ 98 %	99.7 %
HPLC Potency Assay	USP <621>	Specifications: 90 – 110% of 80 mg	GHK-Cu 54.7 mg (68.3 %) KPV 11.9 mg (14.8 %) BPC-157 13.3 mg (16.7%) TB-500 14.2 mg (17.7 %)
Peptide-to-Excipients Ratio	USP <1151>	Recommended ratios of (1:2) to (1:10) for (peptide: excipients)	93.9 : 90.5 mg (1:1.1)

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

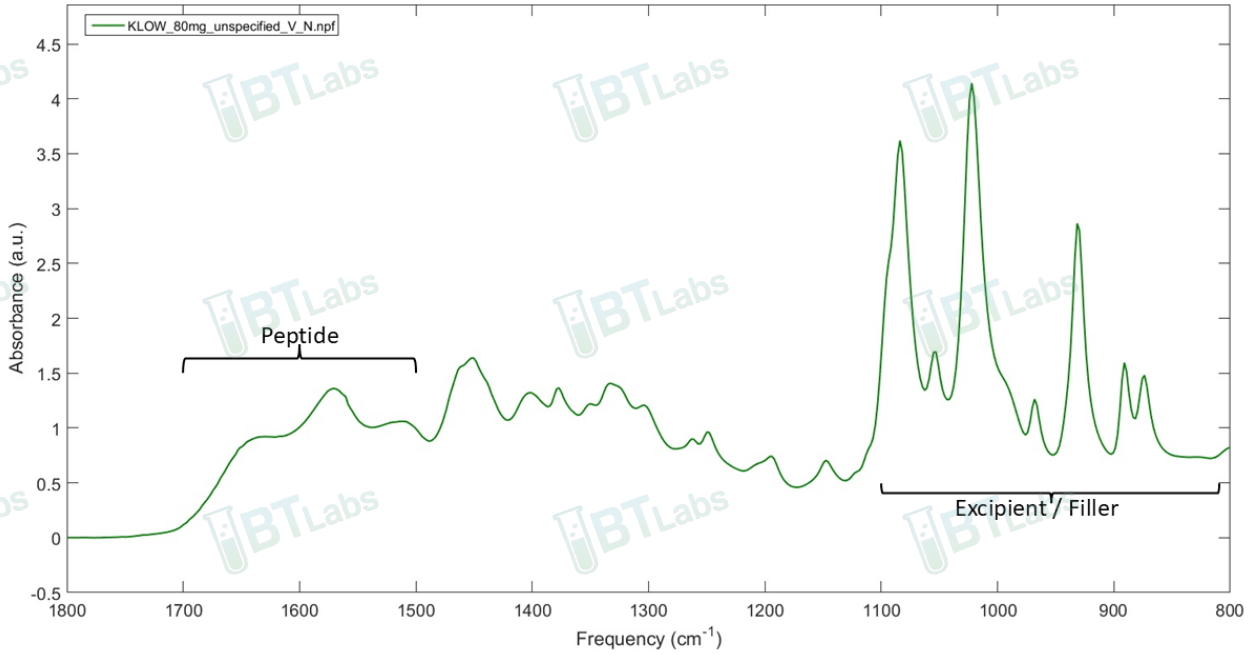
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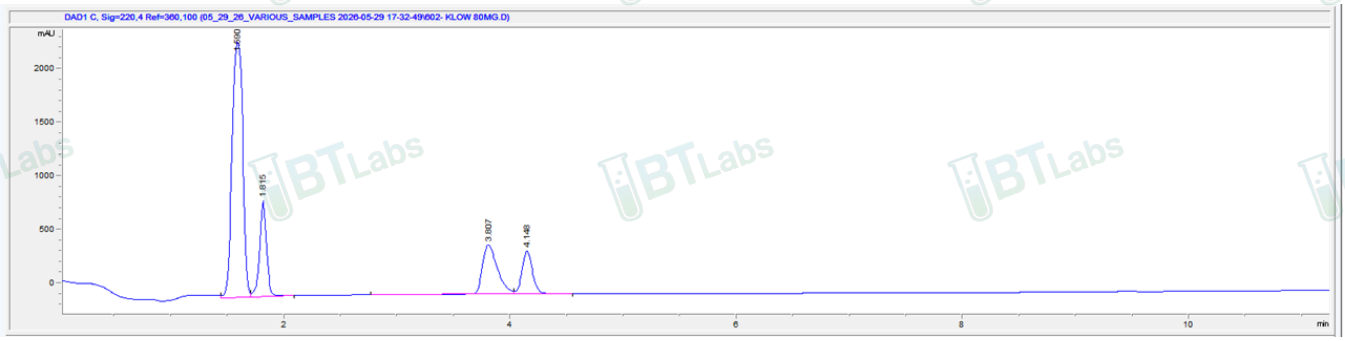
Title:

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FTIR ID and Composition Analysis: KLOW Lot unspecified



HPLC Purity and Potency Assay @ 220 nm: KLOW Lot unspecified



BPC-157 GHK-Cu TB-500 KPV Lot unspecified @ 220 nm		
Peak #:	Retention Time (min)	Area (mAU*s)
1	1.59	15788.4
2	1.815	3883.5
3	3.807	4369.2
4	4.148	2627.1