

Title:

Certificate of Analysis (CoA)

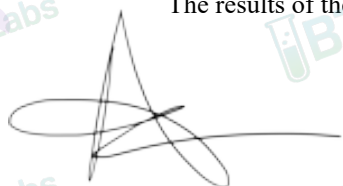


Date: 7/3/2026
Date Tested: 7/1/2026
Customer: AtoZ Research
Testing material: KLOW
Lot Number: A2Z-KLOW-0000001
BT Sample ID: 005000040649553
Labeled Peptide Content/Potency: 80 mg
Storage: R.T.
Visual Description: Small clear vial: purple sample, holographic label, silver crimp, blue plastic cap.
Labeled as: KLOW
Manufacturer: Peptide Biotech
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	167 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: $\geq 98\%$	99.7 %
HPLC Potency Assay	USP <621>	Specifications: 90 – 110% of 80 mg	GHK-Cu 42.5 mg (53.08 %) KPV 8.8 mg (11.0 %) BPC-157 9.3 mg (11.6 %) TB-500 11.27 mg (14.1 %)
Peptide-to-Excipients Ratio	USP <1151>	Recommended ratios of (1:2) to (1:10) for (peptide: excipients)	71.80 : 95.20 mg (1:1.3)

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

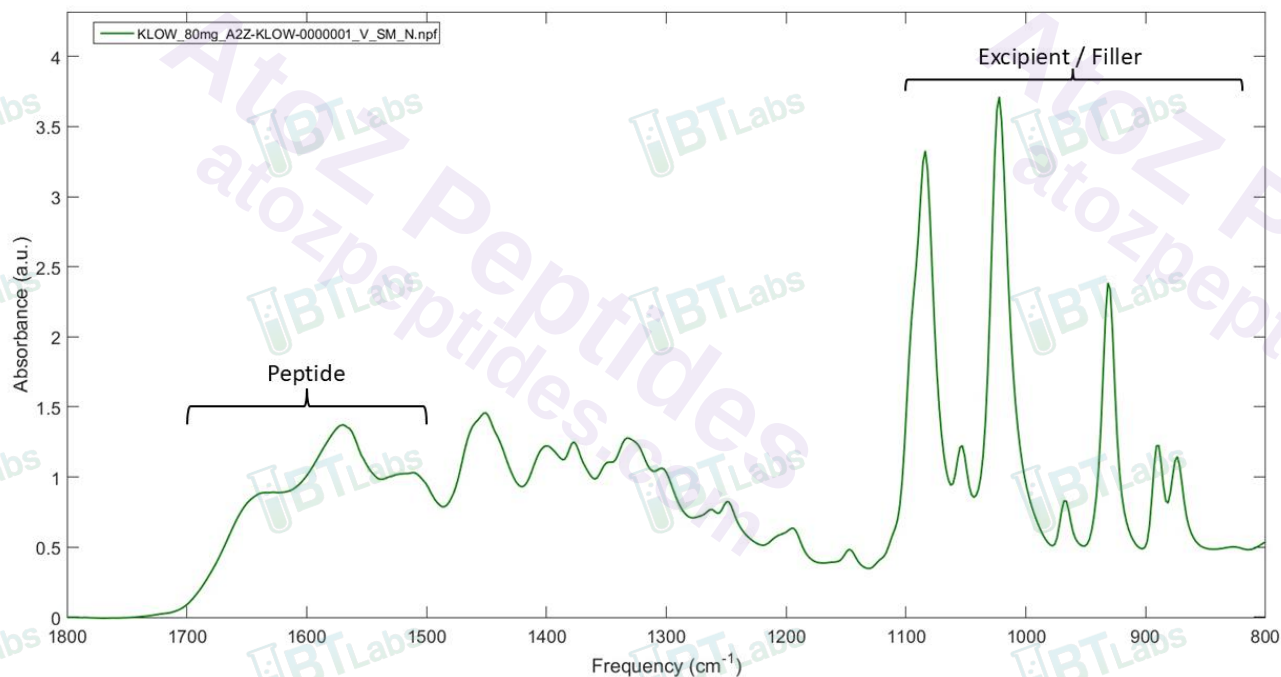
Rev 1.0 January 2025

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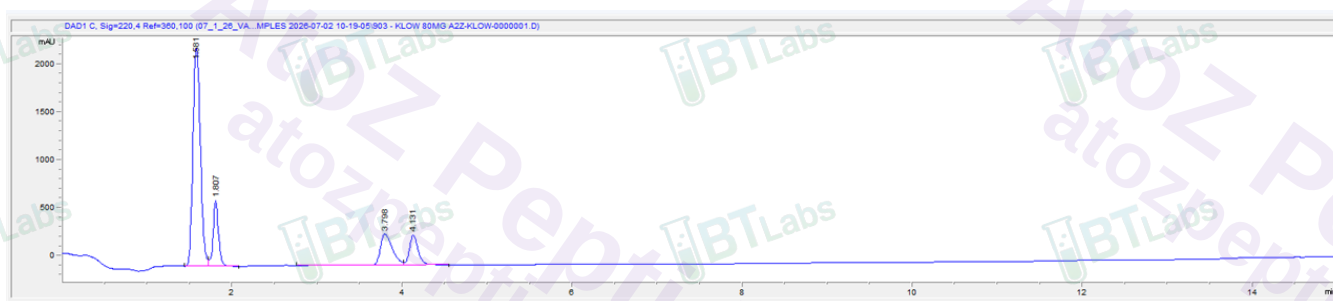
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FTIR ID and Composition Analysis: KLOW Lot A2Z-KLOW-0000001



HPLC Purity and Potency Assay @ 220 nm: KLOW Lot A2Z-KLOW-0000001



BPC-157 GHK-Cu TB-500 KPV Lot A2Z-KLOW-0000001 @ 220 nm

Peak #:	Retention Time (min)	Area (mAU*s)
1	1.581	14046.6
2	1.807	3015.8
3	3.798	3339.4
4	4.131	2213.7

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