



Title:

Certificate of Analysis (CoA)

Date: 4/1/2026
Date Tested: 3/31/2026
Customer: Peptides Optimized LLC
Testing material: GLOW
Lot Number: GW6074
BT Sample ID: 005000039457557
Labeled Peptide
Content/Potency: 70 mg
Storage: R.T.
Visual Description: Small clear vial: purple sample, pink label, silver crimp, purple plastic cap.
Labeled as: GLOW
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	214 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 GLOW 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 70 mg	GHK-Cu 34.9 mg (49.9 %) BPC-157 10.5 mg (15.1%) TB-500 10.9 mg (15.5%)
Peptide-to-Excipients Ratio	USP <1151>	Recommended ratios of (1:2) to (1:10) for (peptide: excipients)	56.3 : 157.7 mg (1:2.8)

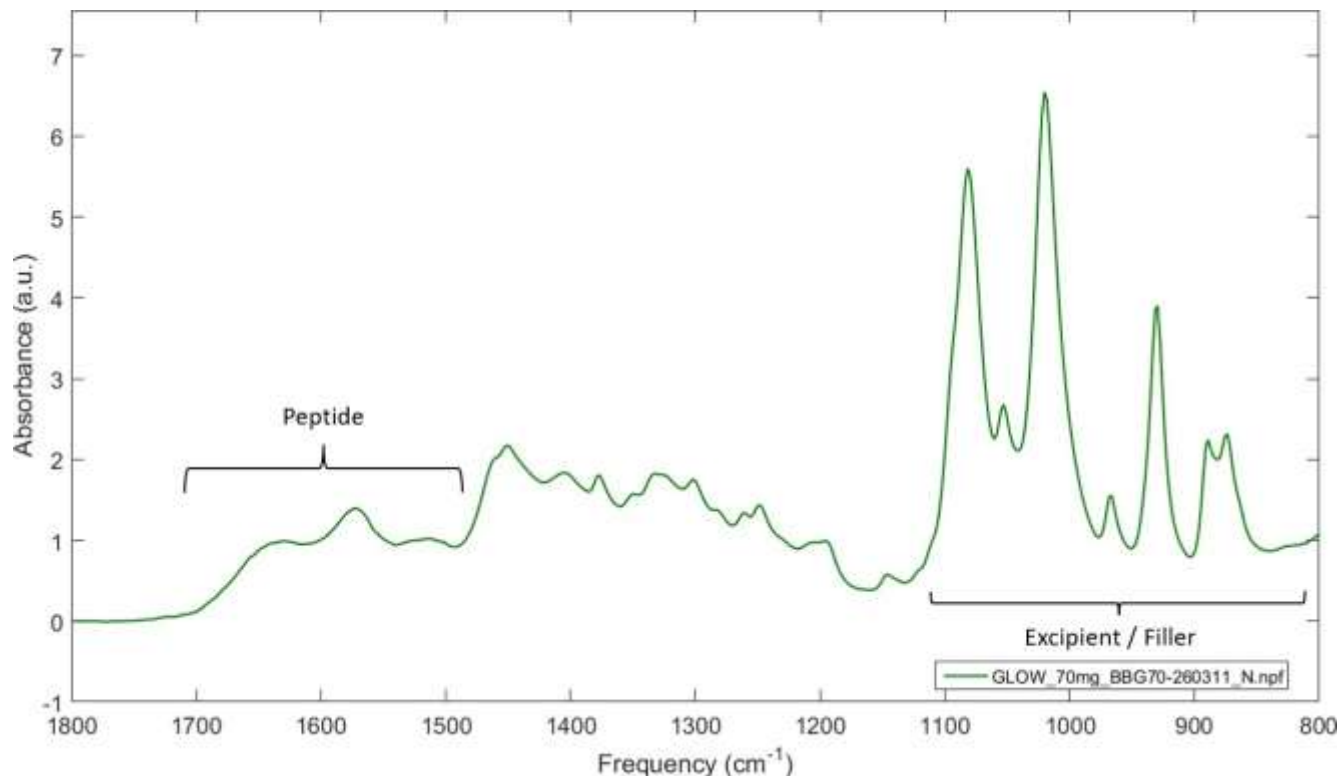
The results of the CoA relate only to the item(s) tested and applied to the sample as received.

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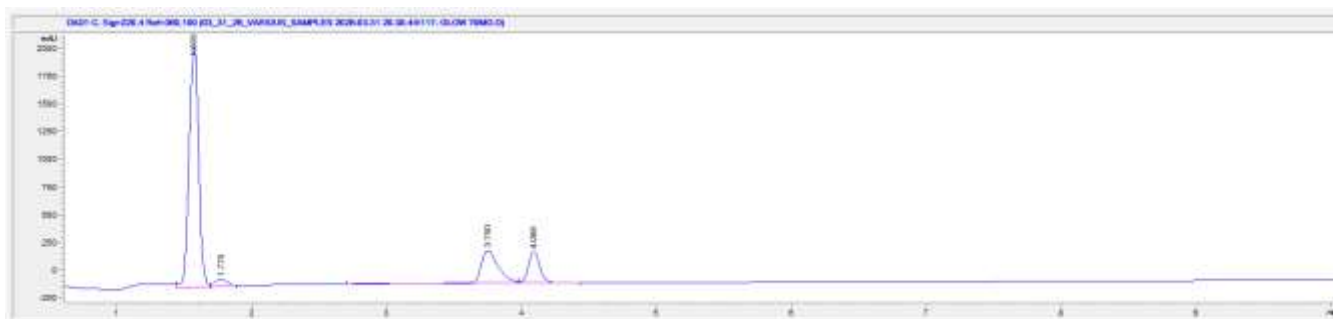
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FTIR ID and Composition Analysis: GLOW Lot GW6074



HPLC Purity and Potency Assay @ 220 nm: GLOW Lot GW6074



BPC-157 GHK-Cu TB-500 Lot GW6074 @ 220 nm

Peak #:	Retention Time (min)	Area (mAU*s)
1	1.569	10711.3
2	1.77	431.5
3	3.75	3042.7
4	4.088	1700.4