



Report #:

IF-824-QSA-TR006-BTL261024-06

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Title:

Certificate of Analysis (CoA)



Date: 7/31/2026
Date Tested: 7/29/2026
Customer: Mainline Research
Testing material: GLOW
Lot Number: unspecified
Content/Potency: 70 mg
Storage: R.T.
Visual Description: Small clear vial: purple sample, holographic label, copper crimp, clear 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	221.8 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 43.0 mg (61.5 %) BPC-157 14.8 mg (21.2%) TB-500 14.4 mg (20.6 %)
Peptide-to-Excipients Ratio	USP <1151>	Recommended ratios of (1:2) to (1:10) for (peptide: excipients)	72.3 : 149.5 mg (1:2.1)

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

Andrea Castro, BS
Scientist-II
BTLabs

Escarlet Cabrieles, BS
Scientist-II
BTLabs

5601 Corporate Way | Suite 206 | West Palm Beach, FL 33407

Phone: (561) 625-0133

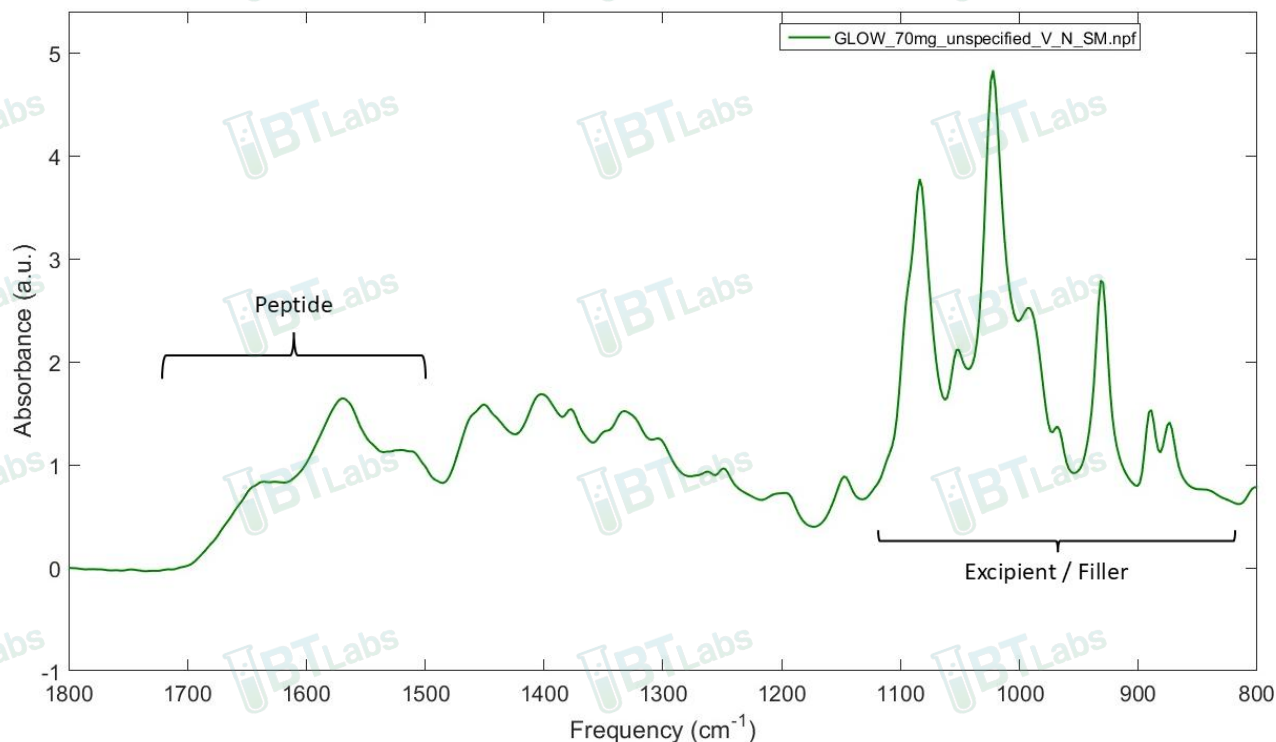
E-mail: info@btlabtesting.com | Website: <https://btlabtesting.com>

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FTIR ID and Composition Analysis: GLOW Lot unspecified



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



GLOW Lot unspecified @ 220 nm		
Peak #:	Retention Time (min)	Area (mAU*s)
1	1.575	15578
2	1.839	2224.7
3	3.853	5570.8