



Report #:

IF-824-QSA-TR006-BTL260623-07-05

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Title:

Certificate of Analysis (CoA)



Date: 7/29/2026
Date Tested: 7/26/2026
Customer: Advanced Aminos
Testing material: Wolverine
Lot Number: AA-BPC-TB-1010-20260529A
Content/Potency: 20 mg
Storage: R.T.
Visual Description: Small clear vial: white sample, white label, copper crimp, clear plastic cap.
Labeled as: Wolverine
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>	white powder	white powder
Mass	USP <41>	As recorded	98.5 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 Wolverine with addition of excipient(s)/fillers.
HPLC Purity of Peptide Assay	USP <621>	Specifications: $\geq 98\%$	99.6 %
HPLC Potency Assay	USP <621>	Specifications: 90 – 110% of 20 mg	TB-500 9.5 mg (47.5 %) BPC-157 11.1 mg (55.7%)
Peptide-to-Excipients Ratio	USP <1151>	Recommended ratios of (1:2) to (1:10) for (peptide: excipients)	20.6 : 77.9 mg (1:3.8)

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

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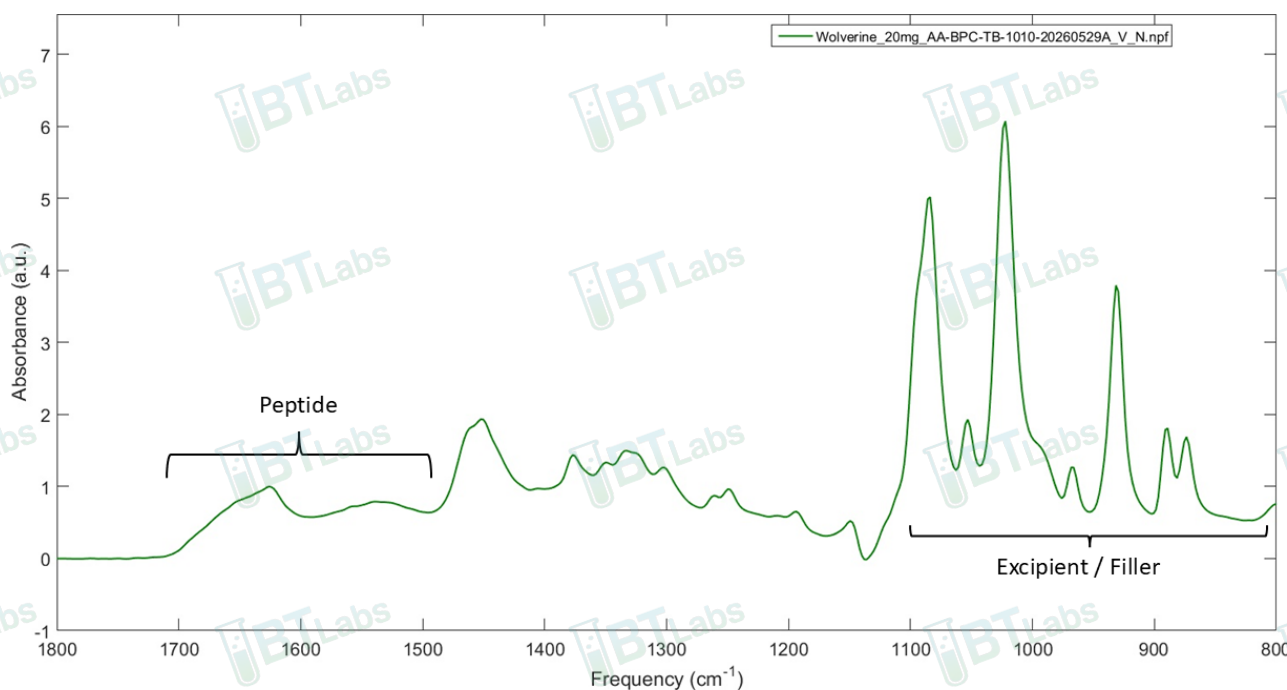
E-mail: info@btlabtesting.com | Website: <https://btlabtesting.com>

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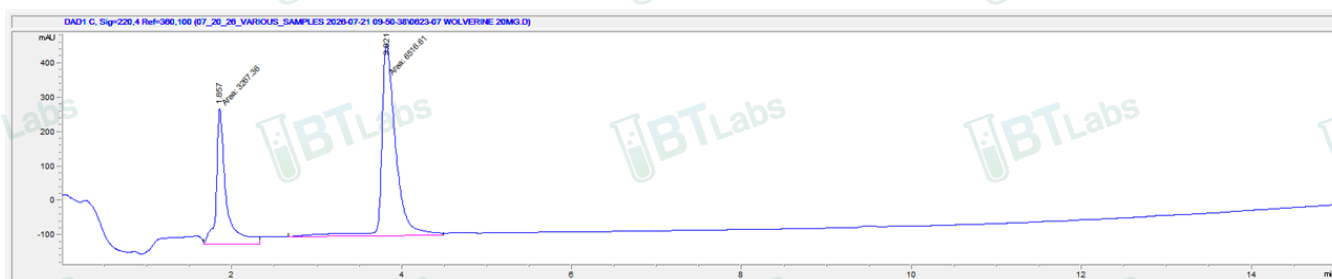
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FTIR ID and Composition Analysis: Wolverine Lot AA-BPC-TB-1010-20260529A



HPLC Purity and Potency Assay @ 220 nm: Wolverine Lot AA-BPC-TB-1010-20260529A



Wolverine Lot AA-BPC-TB-1010-20260529A @ 220 nm

Peak #:	Retention Time (min)	Area (mAU*s)
1	1.857	3267.4
2	3.821	6516.6