Title:

Certificate of Analysis (CoA)



Date: 9/5/2026
Date Tested: 9/5/2026
Customer: Top Flight Peptides
Testing material: Wolverine
Lot Number: 260806WL
Sample ID: BTL260815-012-002
Content/Potency: 10 mg
Storage: R.T.
Visual Description: Small clear vial: white sample, black label, silver crimp, orange 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	56.5 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: ≥ 98 %	99.8 %
HPLC Potency Assay	USP <621>	Specifications: 90 – 110% of 10 mg	BPC-157 5.2 mg (51.5 %) TB-500 5.4 mg (54.7%)
Peptide-to-Excipients Ratio	USP <1151>	Recommended ratios of (1:0) to (1:10) for (peptide: excipients)	10.6 : 45.8 mg (1:4.3)

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

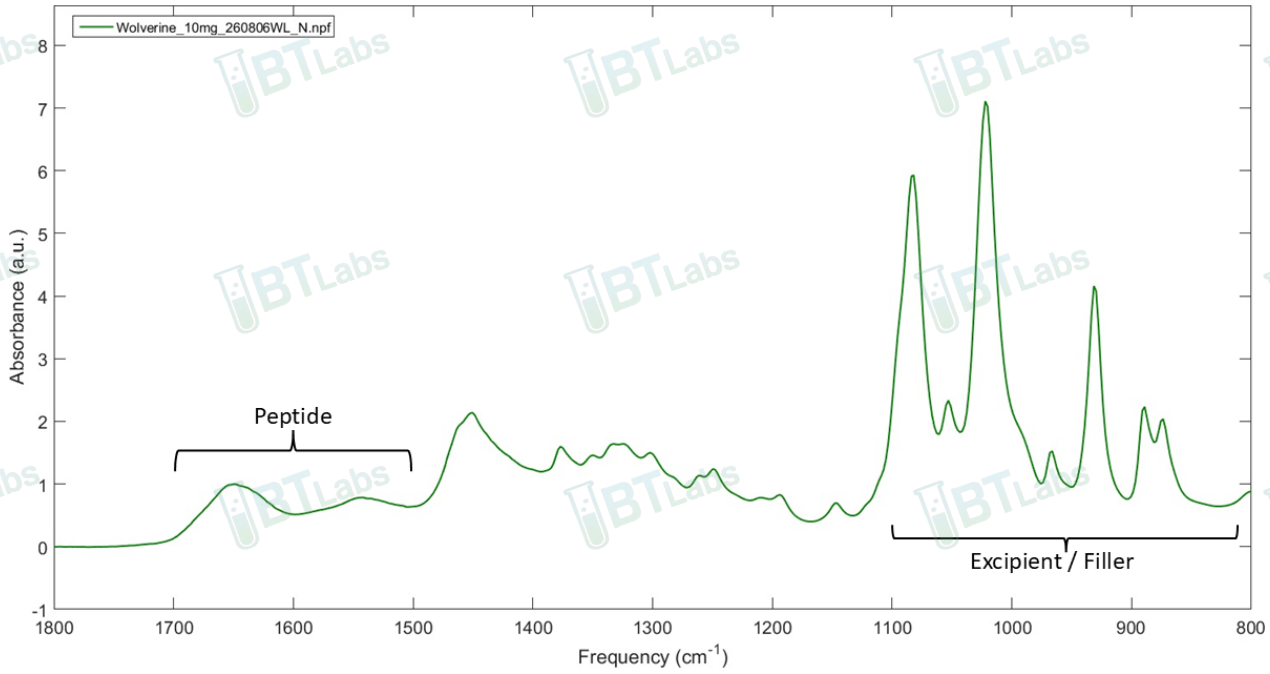
Escarlet Cabrieles, BS
Scientist-II
BTLabs

5601 Corporate Way | Suite 206 | West Palm Beach, FL 33407
Phone: (561) 625-0133
E-mail: info@btlabtesting.com | Website: https://btlabtesting.com

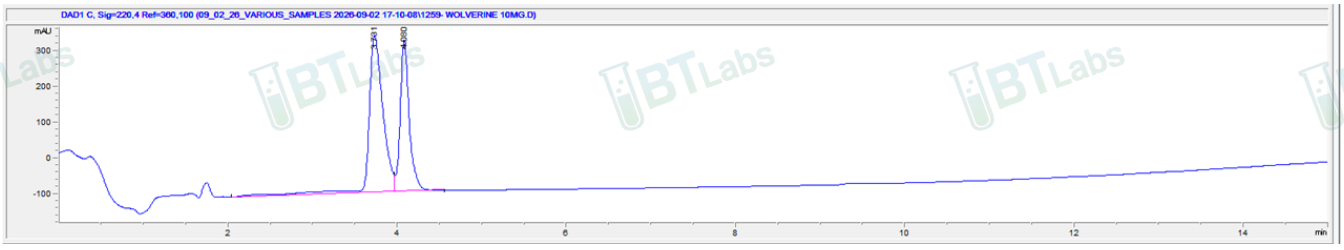
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FTIR ID and Composition Analysis: Wolverine Lot 260806WL



HPLC Purity and Potency Assay @ 220 nm: Wolverine Lot 260806WL



Wolverine Lot 260806WL @ 220 nm		
Peak #:	Retention Time (min)	Area (mAU*s)
1	3.731	5215.6
2	4.08	3186.3

5601 Corporate Way | Suite 206 | West Palm Beach, FL 33407
Phone: (561) 625-0133
E-mail: info@btlabtesting.com | Website: https://btlabtesting.com