Title:

Certificate of Analysis (CoA)

Date: 3/6/2026
Date Tested: 3/2/2026
Customer: Pure Lab Peptides
Testing material: DSIP
Lot Number: 25817
BT Sample ID: 005000039049007
Labeled Peptide Content/Potency: 10 mg
Storage: R.T.
Visual Description: Small Clear vial: white sample, white label, silver crimp, white plastic cap.
Labeled as: DSIP
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	53.6 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 DSIP with addition of excipient(s)/fillers.
HPLC Purity of Peptide Assay	USP <621>	Specifications: ≥ 98 %	99.9 %
HPLC Potency Assay	USP <621>	Specifications: 90 – 110% of 10 mg	10.1 mg (100.8 %)
Peptide-to-Excipients Ratio	USP <1151>	Recommended ratios of (1:2) to (1:10) for (peptide: excipients)	10.1 : 43.5 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, AS
Scientist-I
BTLabs

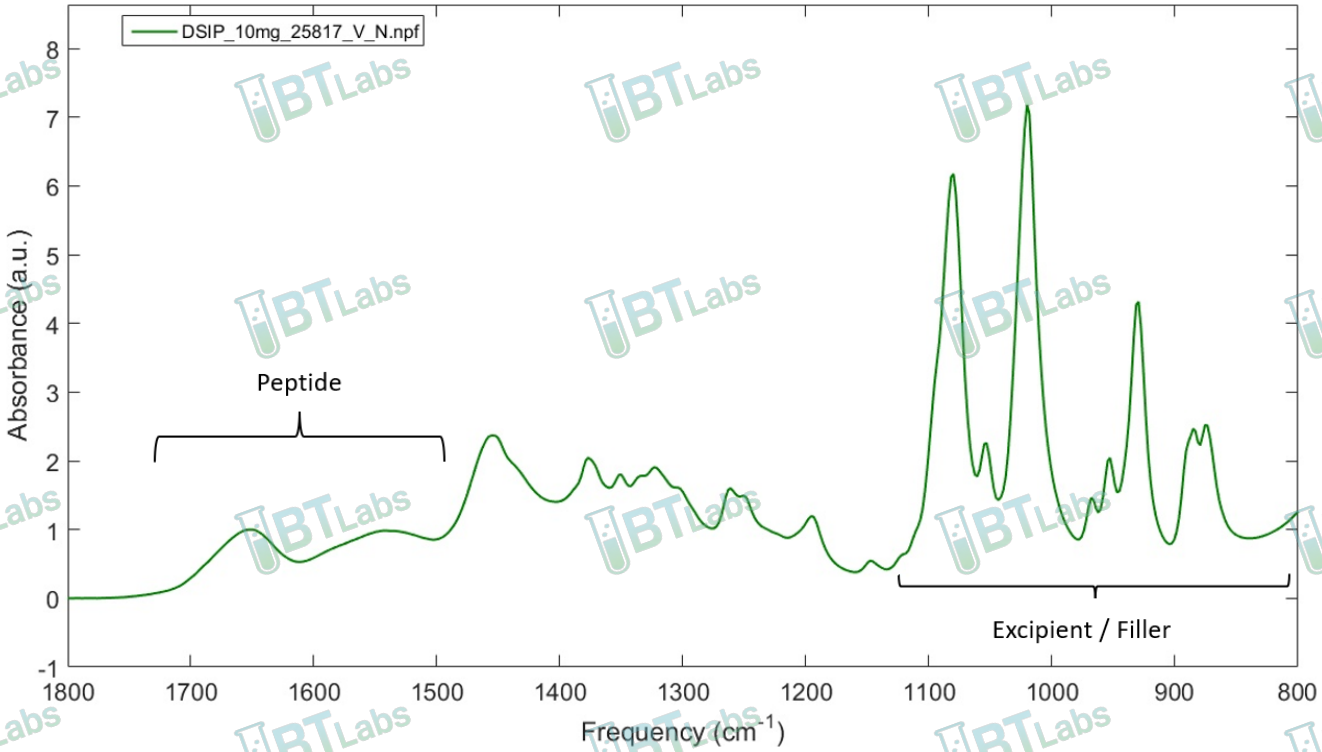
Verna Zheng, AS
Scientist-I
BTLabs

5730 Corporate Way | Suite 220 | West Palm Beach, FL 33407
Phone: (561) 625-0133
E-mail: info@btlabtesting.com | Website: https://btlabtesting.com

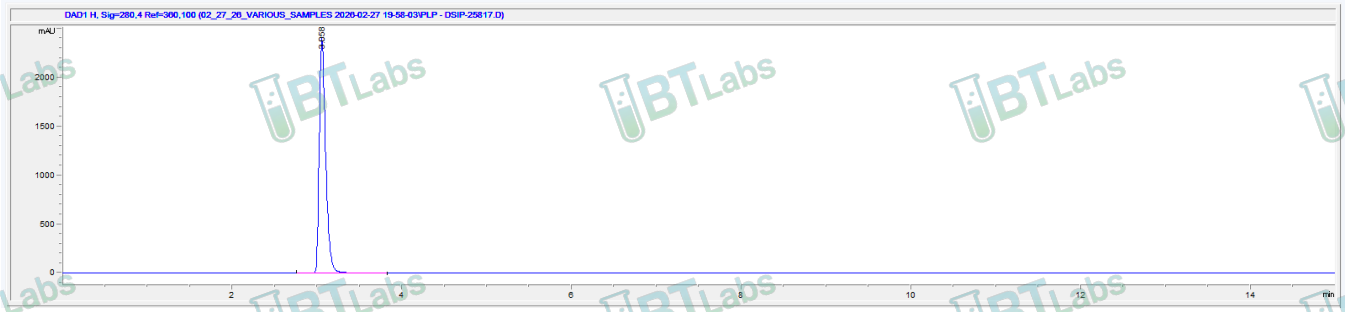
Title:

Certificate of Analysis (CoA)

FTIR ID and Composition Analysis: DSIP Lot 25817



HPLC Purity and Potency Assay @ 280 nm: DSIP Lot 25817



DSIP Lot 25817 @ 280 nm		
Peak #:	Retention Time (min)	Area (mAU*s)
1	3.058	12709.7

5730 Corporate Way | Suite 220 | West Palm Beach, FL 33407
Phone: (561) 625-0133
E-mail: info@btlabtesting.com | Website: https://btlabtesting.com