

Title:

Certificate of Analysis (CoA)

Date: 09/20/2025
Date Tested: 09/19/2025
Customer: Nootropix
Testing material: TB-5
Lot Number: N/A
BT Sample ID: 005000035821078
Labeled Peptide
Content/Potency: N/A
Storage: R.T.
Packing material: Amber glass vial with blue screw cap
Labeled as: TB-5
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	100.5 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 peptide with no indication of fillers/excipients such as mannitol.
HPLC Purity of Peptide Assay	USP <621>	Specifications: $\geq 98\%$	99.9 %
HPLC Potency Assay	USP <621>	Specifications: 95 – 105% of 100.5 mg	100.1 mg (99.6 %)

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

Kimberly Quinn, MS
Lab Manager
BTLabs

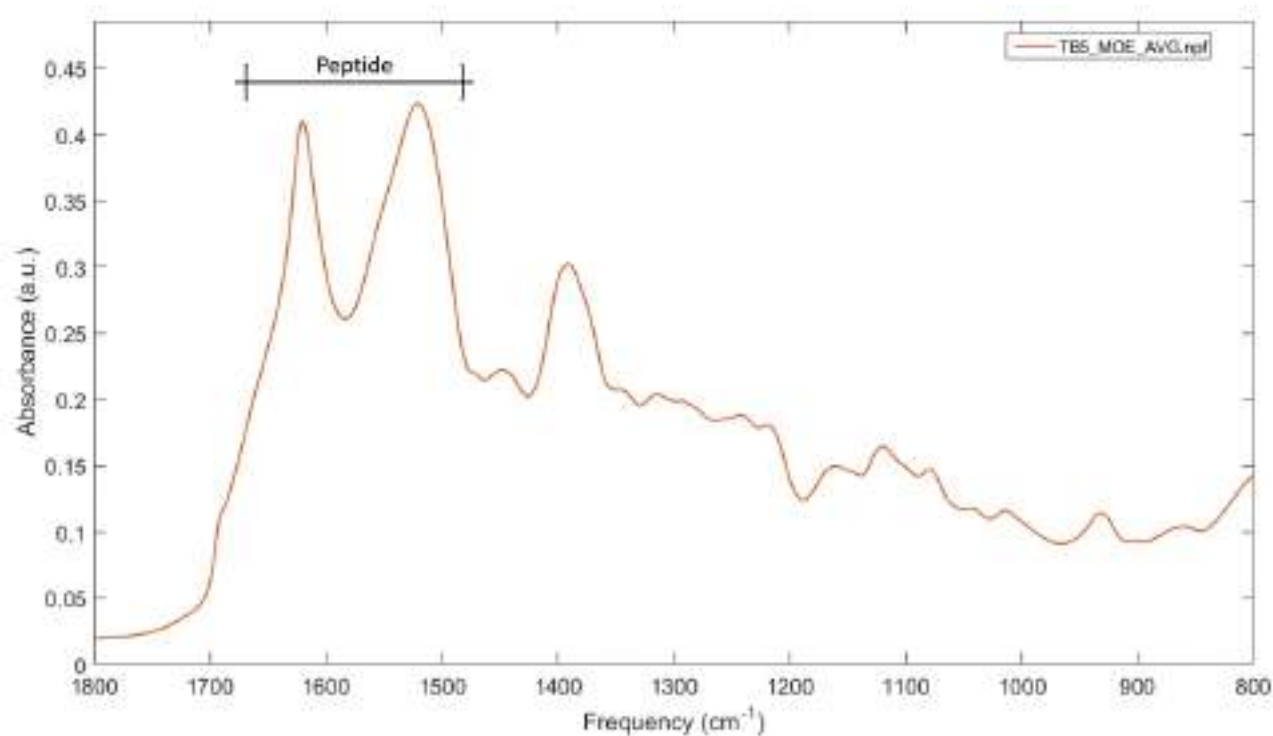
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FTIR ID and Composition Analysis: TB-5 Nootropix



HPLC Purity and Potency Assay @ 220nm: TB-5 Nootropix



TB-5 Nootropix @ 220 nm		
Peak #:	Retention Time (min)	Area (mAU*s)
1	1.814	581.5
2	1.984	2067.5