Title:

Certificate of Analysis (CoA)

Date: 10/17/2025
Date Tested: 10/27/2025
Customer: Nootropix
Testing material: Phenibut F.A.A
Lot Number: N/A
BT Sample ID: 005000036406514
Labeled Peptide Content/Potency: N/A
Storage: R.T.
Packing material: Amber glass vial with white label and blue screw cap
Labeled as: Phenibut F.A.A
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	353 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 addition of excipient(s)/fillers such as mannitol.
HPLC Purity of Peptide Assay	USP <621>	Specifications: ≥ 98 %	99.6 %
HPLC Potency Assay	USP <621>	Specifications: 95 – 105% of 353 mg	157.1 mg (44.5 %)

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

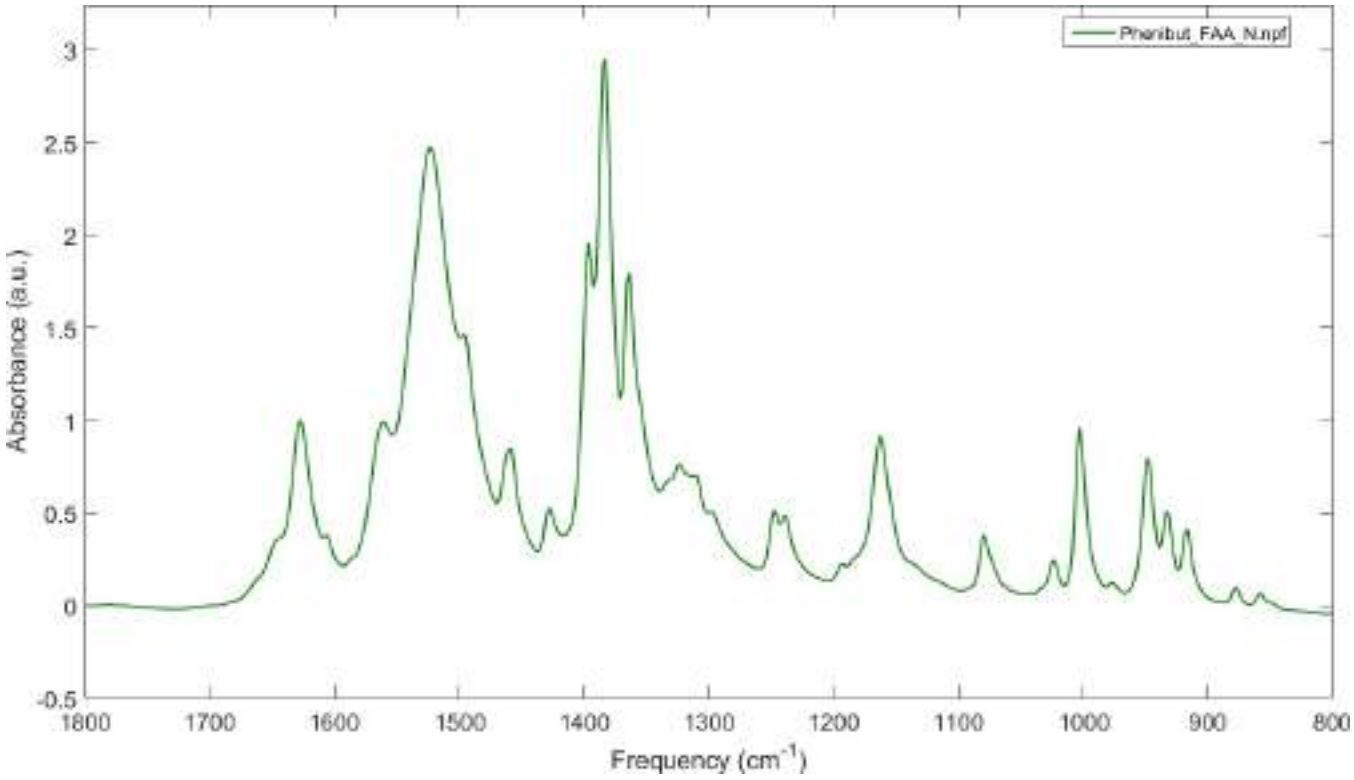
Kimberly Quinn, MS
Lab Manager
BTLabs

Andrea Castro, AS
Scientist-I
BTLabs

Title:

Certificate of Analysis (CoA)

FTIR ID and Composition Analysis: Phenibut F.A.A



HPLC Purity and Potency Assay @ 260 nm: Phenibut F.A.A



Phenibut F.A.A @ 260 nm		
Peak #:	Retention Time (min)	Area (mAU*s)
1	5.289	1565.6