

Title:

Certificate of Analysis (CoA)

Date: 10/17/2025
Date Tested: 10/27/2025
Customer: Nootropix
Testing material: CRL-40,941
Lot Number: N/A
BT Sample ID: 005000036406340
Labeled Peptide
Content/Potency: N/A
Storage: R.T.
Packing material: Amber glass vial with white label and blue screw cap
Labeled as: CRL-40,941
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	379.7 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: $\geq 98 \%$	99 %
HPLC Potency Assay	USP <621>	Specifications: 95 – 105% of 379.7 mg	346.9 mg (91.36%)

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

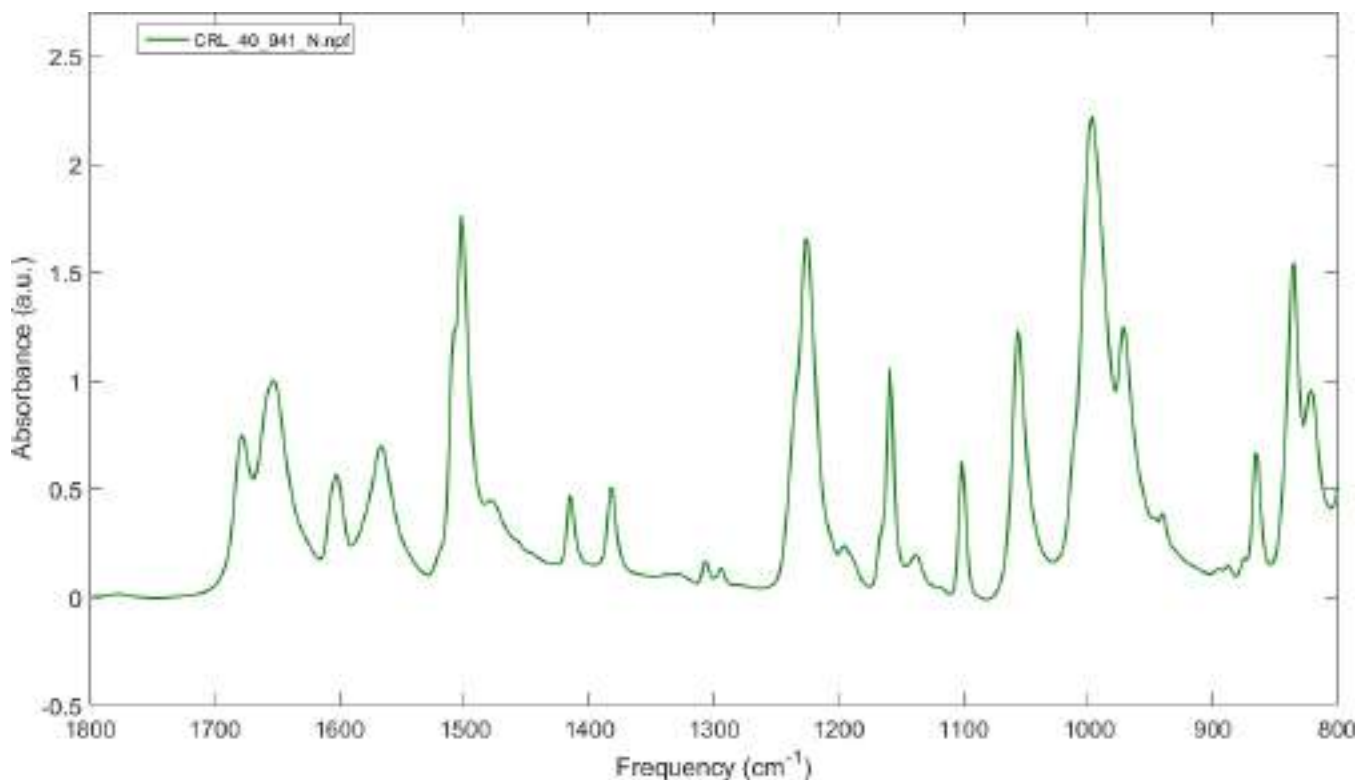
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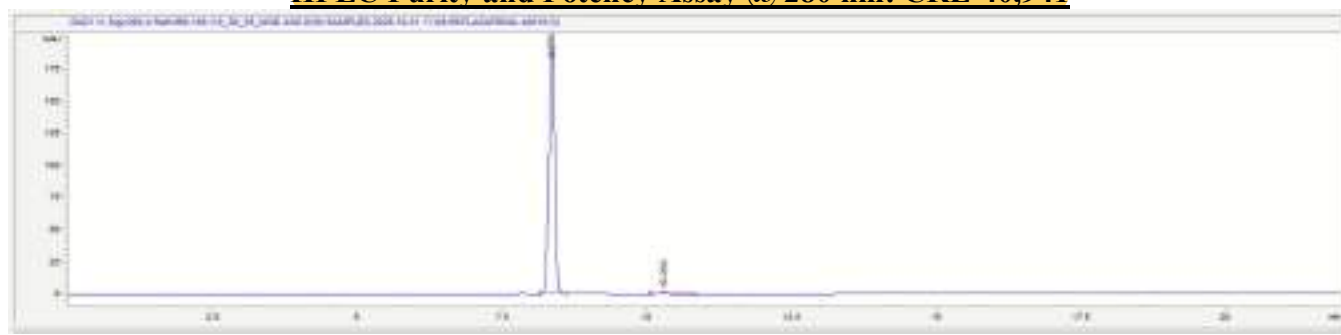
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FTIR ID and Composition Analysis: CRL-40,941



HPLC Purity and Potency Assay @ 280 nm: CRL-40,941



CRL 40,941 @ 280 nm		
Peak #:	Retention Time (min)	Area (mAU*s)
1	10.875	1391.1
2	12.424	13.5

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