



Title:

Certificate of Analysis (CoA)

Date: 4/22/2026
Date Tested: 4/21/2026
Customer: Advanced Aminos
Testing material: BAC Water
Lot Number: BAC20261104-10D
BT Sample ID: 005000039742114
Labeled Peptide
Content/Potency: 10 mL
Storage: R.T.
Visual Description: Large clear vial: clear sample, white label, silver crimp, blue plastic cap.
Labeled as: BAC Water
Manufacturer: N/A
Testing Purpose: FTIR and HPLC analysis for the identification, purity, potency and composition of a water product. It does not provide information on particulate matter, microbial contamination or presence of endotoxins.



Test	Method	Specification	Result
General Appearance	USP <630>	clear liquid	clear liquid
Mass	USP <41>	As recorded	9 mg/mL
FTIR Identification and Composition Analysis	USP <197A>	Sample spectrum should confirm the content of water via characteristic bands	FTIR sample spectrum confirms the presence of BAC Water
HPLC Purity of Peptide Assay	USP <621>	Specifications: $\geq 98\%$	99.9%
HPLC Potency Assay	USP <621>	Specifications: 90 – 110% of 10 mg	8.6 mg (95.5%)

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


Andrea Castro, AS
Scientist-II
BTLabs

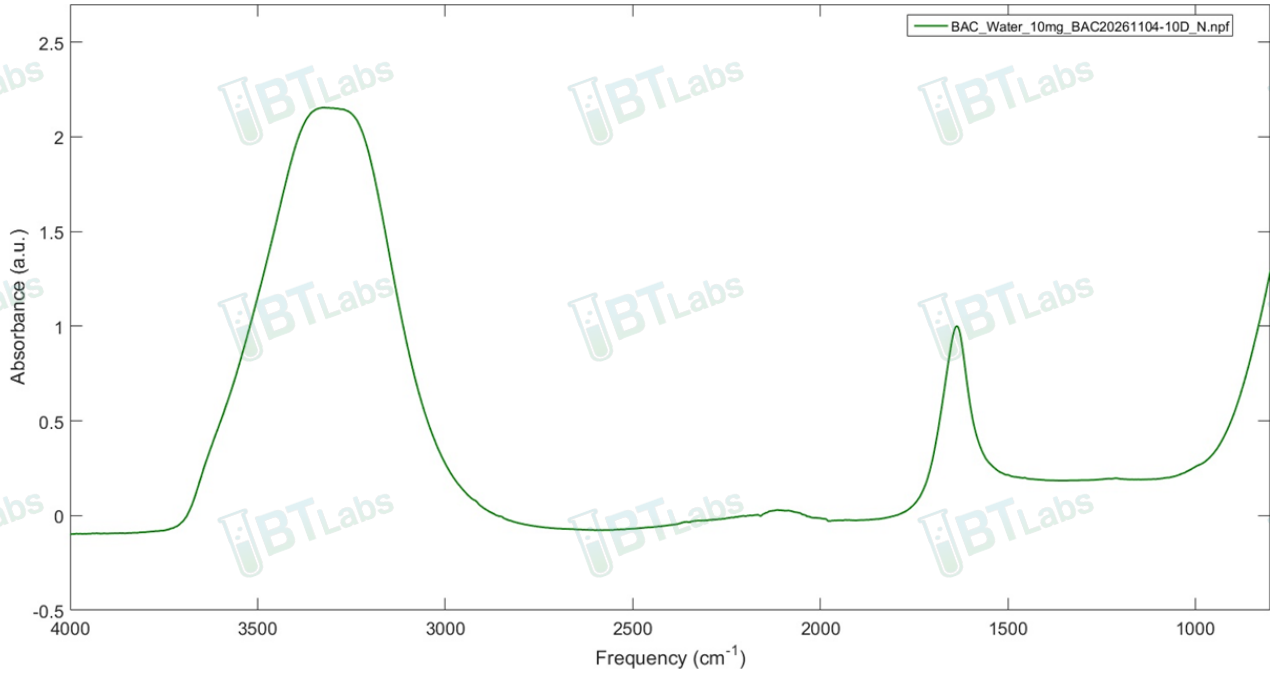

Verna Zheng, AS
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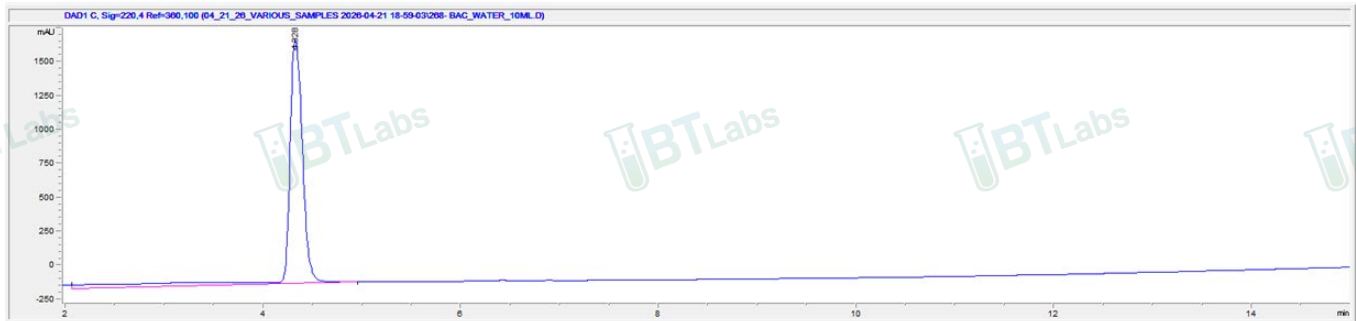
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FTIR ID and Composition Analysis: BAC Water Lot BAC20261104-10D



HPLC Purity and Potency Assay @ 220 nm: BAC Water Lot BAC20261104-10D



BAC Water Lot BAC20261104-10D @ 220 nm

Peak #:	Retention Time (min)	Area (mAU*s)
1	4.328	18595.1



Report #:

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pH Test BAC Water Lot BAC20261104-10D

Sample ID	Description	Volume (mL)	pH Run1	pH Run2	pH Run3
005000039742114	BAC	1	5.89	5.89	5.91

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IF-824-QSA-TR006

Rev 1.0 January 2025