

Peptide Test **Canada**

Certificate of Analysis

Lab ID: **NAD-007**

REPORTED July 6, 2026

CLIENT

VERIFY Peptidetestcanada.ca/verify

EMAIL Info@peptidetestcanada.ca



END CUSTOMER

NAME Viva Peptides

EMAIL —

PHONE —

ADDRESS —

§ 01 Sample Information

FOR RESEARCH PURPOSES ONLY

Sample ID: **NAD-007** Total Mass: **478.0 mg** CAS: **53-84-9**

Compound: **NAD+** Appearance: **Lyophilized powder** Formula: **C₂₁H₂₇N₇O₁₄P₂**

Report No.: **COA-2026-SC-00134** Received: **06/25/2026** Mol Weight: **663.4 g/mol**

Lot Number: **COA-2026-SC-00134** Analyzed: **07/05/2026**

§ 02 Analytical Results

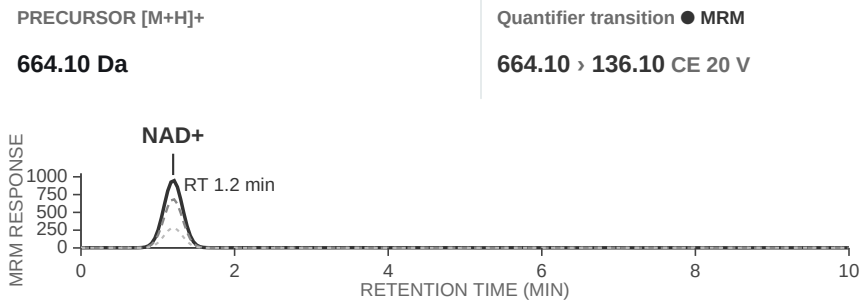
Qualitative and Quantitative chemical analysis by Liquid Chromatography Tandem Mass Spectrometry (LC-MS/MS)

	SPECIFICATION	RESULT	STATUS
Compound Test:	NAD+	NAD+	PASS
Net Peptide Content:	500.00 mg	476.37 mg	
Peptide Label Accuracy:	≥ 90 %	95.3 %	
Chromatographic Purity:	≥ 98 %	99.55 %	

Chromatographic purity is reported as 100 % when no other peak is detected; if any additional peak is detected, the purity will vary from 100 %.

§ 03 LC-MS/MS Detail

METHOD A · AGILENT 1290 INFINITY II + 6495 QQQ · ESI+



ROLE	TRANSITION	CE
● Quantifier	664.1 > 136.1	20 V
■ Qualifier	664.1 > 542.1	15 V

Agilent Poroshell 120 EC-C18 · 2.1×100 mm · 2.7 μm · Solvent A: 0.1 % formic acid in H₂O · Solvent B: 0.1 % formic acid in Acetonitrile

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Results relate **only to the sample as received** and the tests performed — not to any other unit, lot, or batch. **For research use only:** not a certificate of quality, safety, efficacy, or regulatory compliance, and not for human or veterinary administration, clinical or diagnostic use, or label claims. SideChain Analytics does not manufacture, source, or sell the material and makes **no warranty, express or implied**; its liability shall not exceed the testing fee. This report may not be reproduced except in full.

REPORTED July 7, 2026

CLIENT		END CUSTOMER	
NAME	Peptide Test Canada	NAME	Viva Peptides
CONTACT	PTC Operations	EMAIL	
EMAIL	info@peptidetestcanada.ca	PHONE	
ADDRESS	Canada	ADDRESS	—

§ 01 Sample Information		FOR RESEARCH PURPOSES ONLY	
Sample ID:	NAD-007	Total Mass:	—
Compound:	NAD+	Appearance:	Lyophilized powder
		Received:	—
Report No.:	COA-2026-SC-341	Analyzed:	07/6/2026
Lot Number:	NAD-007	CAS:	137525-51-0
		Formula:	C ₆₂ H ₉₈ N ₁₆ O ₂₂
		Mol Weight:	1419.5 g/mol

§ 02

Endotoxin Analysis

GEL-CLOT LAL/TAL ENDOTOXIN TEST (USP <85>)

BACTERIAL ENDOTOXIN · GEL-CLOT LIMIT TEST

NEGATIVE

Bacterial endotoxin is **below** the kit sensitivity (< 0.25 EU/mL).

Test method	Gel-Clot LAL/TAL Endotoxin Test (USP <85>)
Test kit	FireGene Gel-Clot Endotoxin Test Kit
Reagent	TAL — Tachypleus tridentatus amoebocyte lysate (freeze-dried)
Kit sensitivity	0.25 EU/mL
Incubation	37 °C, 60 ± 2 min
Gel-clot observation	No gel clot — sample flows on inversion

Qualitative limit test. The gel-clot LAL/TAL assay (USP <85>) detects whether bacterial endotoxin is present at or above the kit's labeled sensitivity (0.25 EU/mL). A firm gel that holds when the tube is inverted is a **positive** result; a sample that flows is **negative**. The assay reports presence or absence relative to that sensitivity threshold — it does not quantify the exact endotoxin concentration.

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This report documents **analytical results only**. Provided for **research purposes only**; not a drug-release or quality certification. SideChain Analytics makes no representation regarding resale, clinical use, or human / veterinary administration of the material.

REPORTED July 10, 2026

CLIENT		END CUSTOMER	
VERIFY	Peptidetestcanada.ca/verify	NAME	Viva Peptides
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		PHONE	—
		ADDRESS	—

§ 01Sample Information

FOR RESEARCH PURPOSES ONLY

Sample ID:	NAD-007	Total Mass:	478.0 mg	CAS:	53-84-9
Compound:	NAD+	Appearance:	Lyophilized powder	Formula:	C ₂₁ H ₂₇ N ₇ O ₁₄ P ₂
Report No.:	COA-2026-SC-00134-HM	Received:	06/25/2026	Mol Weight:	663.4 g/mol
Lot Number:	COA-2026-SC-00134	Analyzed:	07/10/2026		

§ 02Heavy Metals Analysis

ICP-MS · ICH Q3D CLASS 1 · PARENTERAL · AGILENT ICPMS 8800 QQQ

ELEMENT	RESULT	RESULT vs LIMIT	LIMIT	STATUS
HEAVY METALS · ICH Q3D Class 1 · Parenteral limit				
Pb Lead	0.76352		≤ 5	PASS
Cd Cadmium	0.007898		≤ 2	PASS
As Arsenic	0.00236		≤ 15	PASS
Hg Mercury	0.208502		≤ 3	PASS
ELEMENTAL FINGERPRINT · Process / catalyst markers · informational				
Fe Iron	0.52951		report only	reported
Cu Copper	1.619592		report only	reported
Ni Nickel	1.451574		report only	reported

Class 1 heavy-metal screen: **PASS** · Analyzed 2026-07-03 · Bar = each result against its limit (tick) · colour = severity **green** safe → **amber** near limit → **red** over · STATUS: **PASS** (green) at or below the limit · **FAIL** (red) over it — an amber **WARNING** appears only when a warning range is set · Class-1 metals (Pb, Cd, As, Hg): FAIL limit = ICH Q3D Parenteral PDE (Cd 2.0 · Pb 5.0 · As 15.0 · Hg 3.0) · Fe, Cu, Ni are REPORTED for information only — no limit and no pass/fail · Units µg/g (≡ ppm) · LOQ 0.005–0.05 µg/g (Fe 1) · BDL = below detection limit

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