



Certificate of Analysis

ILS Laboratories

8222 Vickers St, Suite 106, San Diego, CA 92111
(619) 329-3999 | ils-lab.com

NAD+ - 500mg

PASS

Tested for: Vanta

vantapeps.com

COA #: COA-2026-JDIPCJ
Lot Number: NAD0001
Accession #: ACC-2026-7412
Concentration: 500mg
Sample Matrix: Lyophilized

Method: Full QC Panel
Analysis Date: 06/17/2026
Appearance: Good
Volume: 10mL
Received: 06/17/2026

Identity

NAD+

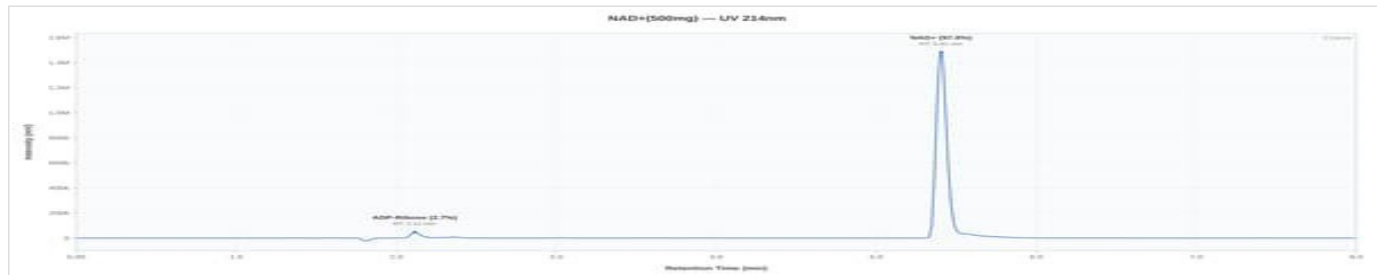
Purity

99.67%

Purity & Quant (HPLC)

Analyte	Specification	Result	Unit	Status
Purity (HPLC)	>= 95.0%	99.67%	%	PASS
Net Peptide Content	Report Only	532.29	mg	N/A
Identity (ID)	NAD+	Confirmed	-	PASS

HPLC Chromatogram



Representative chromatogram, Conformity V1 (99.67% purity, closest to batch mean of 99.62%)

HPLC Conformity Testing Results (2 samples tested)

Sample	Purity	NPC	ID	Result
Dedicated V0	99.56%	525.08 mg	Confirmed	PASS
Conformity V1	99.67%	532.29 mg	Confirmed	PASS
Mean	99.62%	528.68 mg	—	—
Std Dev	0.0550%	3.6050 mg	—	—



Dr. Greg Kalyuzhny

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Lab Director
5/29/2026

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Heavy Metals Analysis (ICP-MS)

Test	Specification	Result	Status
Arsenic (As)	NMT 1.5 ppm	Not Detected	PASS
Cadmium (Cd)	NMT 0.5 ppm	Not Detected	PASS
Chromium (Cr)	NMT 10 ppm	Not Detected	PASS
Mercury (Hg)	NMT 1.5 ppm	Not Detected	PASS
Lead (Pb)	NMT 1 ppm	Not Detected	PASS

Sterility Testing (PCR)

Test	Specification	Result	Status
Sterility (PCR)	No Growth	No Growth	PASS

Endotoxin Testing (USP <85>)

Test	Specification	Result	Status
Endotoxin (USP <85>)	Report Result	0.052 EU/mL	Reported

About this result: Endotoxin is reported as a quantitative value. Acceptable limits vary by product type and matrix, so no universal pass/fail threshold applies to RUO products. This result is below commonly referenced endotoxin thresholds.

Notes & Methodology

- Date Tested: 05/29/2026. Methods: Purity & Quant (HPLC).
- The sample was confirmed to be NAD+ by HPLC. Identification by chromatographic retention time comparison with a reference standard.
- Elemental impurities analyzed by ICP-MS per USP <233> methodology. Acceptance criteria are internal laboratory quality screening limits for research-use materials and do not represent evaluation against any specific pharmacopeial monograph or product specification.
- Endotoxin tested per USP <85> kinetic turbidimetric method. Acceptance criteria per client specification.
- Purity determined by RP-HPLC area normalization at 214 nm.
- Chromatogram shown is representative: Conformity V1 (99.67% purity, closest to batch mean of 99.62%).



Dr. Greg Kalyuzhny
Lab Director