

ILS Laboratories

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

NAD - 500mg

Tested for: Neo Blue Logistics

PASS

COA #: COA-2026-953608
Lot Number: LOT# BP-NAD5-1001
Labeled Content: 500mg
Sample Matrix: Lyophilized

Analysis Date: 07/09/2026
Appearance: Good
Sample Matrix: Lyophilized
Vial Size: 3mL
Date Received: 07/01/2026



Scan to verify
authenticity at ils-lab.com
Access Code: 9ME275B9

Method: Full QC Panel

Identity

NAD

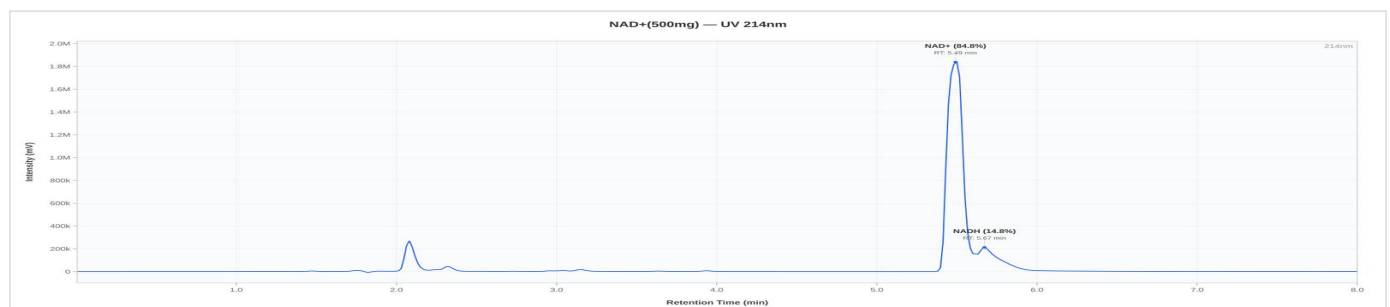
Peptide Purity

99.58%

Full QC Panel

Analyte	Specification	Result	Unit	Status
Peptide Purity (HPLC)	>= 95.0%	99.58%	%	PASS
Net Peptide Content	Report Only	511.69	mg	N/A
Identity (HPLC-RTM)	NAD+	Confirmed	-	PASS

HPLC Chromatogram



Representative chromatogram, Conformity V1

HPLC Conformity Testing Results (2 samples tested)

Sample	Purity	NPC	ID	Result
Dedicated V0	99.53%	533.33 mg	Confirmed	PASS
Conformity V1	99.58%	511.69 mg	Confirmed	PASS
Mean	99.56%	522.51 mg	—	—
Std Dev	0.0250%	10.8200 mg	—	—

Endotoxin Testing (USP <85>)

Test	Specification	Result	Status
Bacterial Endotoxin (LAL)	Report Result	Pending	PENDING



Dr. Greg Kalyuzhny

Dr. Greg Kalyuzhny
Lab Director
7/9/2026

COA #: COA-2026-953608
Access Code: 9ME275B9
Verify: <portal.ils-lab.com/verify/buAjWo74nHWlci8d>
Issued: 7/9/2026

Notes & Methodology

- 1. Date Tested: 07/09/2026. Methods: Full QC Panel.
- 2. The sample was confirmed to be NAD by HPLC. Identification by chromatographic retention time comparison with a reference standard.
- 3. Endotoxin tested per USP <85> kinetic turbidimetric method. Acceptance criteria per client specification.
- 4. Peptide purity determined by RP-HPLC area normalization at 214 nm. Value represents the percentage of the target peptide relative to all peptide-related peaks. Non-peptide process-related impurities, if detected, are excluded from the calculation.
- 5. Chromatogram shown is representative: Conformity V1 (99.58% purity, closest to batch mean of 99.56%).




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Lab Director
7/9/2026

COA #: **COA-2026-953608**
Access Code: **9ME275B9**
Verify: <portal.ils-lab.com/verify/buAjWo74nHWlci8d>
Issued: 7/9/2026

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NAD - 500mg

Tested for: Neo Blue Logistics

PASS

COA #: COA-2026-953607
Lot Number: LOT# BP-NAD5-1001
Labeled Content: 500mg
Sample Matrix: Lyophilized

Analysis Date: 07/09/2026
Appearance: Good
Sample Matrix: Lyophilized
Vial Size: 3mL
Date Received: 07/01/2026



Scan to verify
authenticity at ils-lab.com
Access Code: H92PTXDQ

Method: Full QC Panel

Identity

NAD

Peptide Purity

99.53%

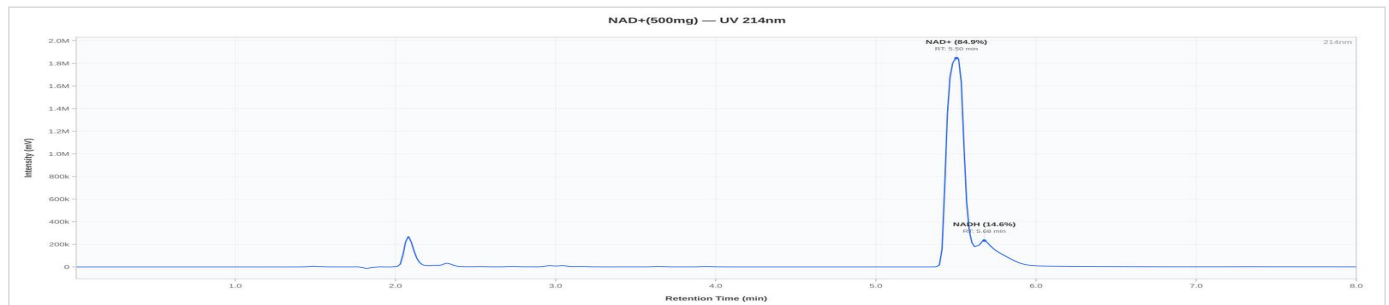
Blend Purity & Quant (HPLC)

Analyte	Specification	Result	Unit	Status
Peptide Purity (HPLC)	>= 95.0%	99.53%	%	PASS
Net Peptide Content	Report Only	533.33	mg	N/A
Identity (HPLC-RTM)	NAD+	Confirmed	-	PASS



NAD 500mg - LOT# BP-NAD5-1001

HPLC Chromatogram



Representative chromatogram, Conformity V1

Heavy Metals (ICP-MS)

Analyte	Specification	Result	Unit	Status
Heavy Metals				
Arsenic (As)	<= 1.5 ppm	Not Detected	ppm	PASS
Cadmium (Cd)	<= 0.5 ppm	Not Detected	ppm	PASS
Lead (Pb)	<= 1.0 ppm	Not Detected	ppm	PASS
Mercury (Hg)	<= 1.5 ppm	Not Detected	ppm	PASS
Chromium (Cr)	<= 10.0 ppm	2.221	ppm	PASS



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7/9/2026

COA #: COA-2026-953607
Access Code: H92PTXDQ
Verify: portal.ils-lab.com/verify/50ay5kjKTzf35ACa
Issued: 7/9/2026

HPLC Conformity Testing Results (2 samples tested)

Sample	Purity	NPC	ID	Result
Dedicated V0	99.53%	533.33 mg	Confirmed	PASS
Conformity V1	99.58%	511.69 mg	Confirmed	PASS
Mean	99.56%	522.51 mg	—	—
Std Dev	0.0250%	10.8200 mg	—	—

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	0.144 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

- 1. Date Tested: 07/09/2026. Methods: Blend Purity & Quant (HPLC); Heavy Metals (ICP-MS).
- 2. The sample was confirmed to be NAD by HPLC. Identification by chromatographic retention time comparison with a reference standard.
- 3. Endotoxin tested per USP <85> kinetic turbidimetric method. Acceptance criteria per client specification.
- 4. Peptide purity determined by RP-HPLC area normalization at 214 nm. Value represents the percentage of the target peptide relative to all peptide-related peaks. Non-peptide process-related impurities, if detected, are excluded from the calculation.
- 5. Chromatogram shown is representative: Conformity V1 (99.58% purity, closest to batch mean of 99.56%).