

Client: Voltera

Certified: 05/14/2026

This Certificate of Analysis certifies that the sample listed herein was tested by Kovera Labs using validated analytical methods and was found to meet the stated specifications at the time of analysis.

SAMPLE INFORMATION

Product	NAD+	Form	Lyophilized powder
Batch	NAD.05.02.2026	Labeled Qty	500 mg
Mol. Formula	C21H27N7O14P2	CAS Number	53-84-9
Cap Color	Transparent	Crimp Color	Bronze

TEST RESULTS

	REFERENCE STANDARD	RESULT
Batch Avg Purity	(>98%)	99.862% <input checked="" type="checkbox"/>
Batch Avg Net Content	(500mg ± 10%)	517.42 mg <input checked="" type="checkbox"/>
Identity Confirmation (LC-MS)	(NAD+)	NAD+ <input checked="" type="checkbox"/>
Endotoxin Safety Screen	(≤0.5 EU/mL)	PASS <input checked="" type="checkbox"/>
Microbial Sterility Screen	(No Growth)	No Growth <input checked="" type="checkbox"/>

HEAVY METAL SCREENING

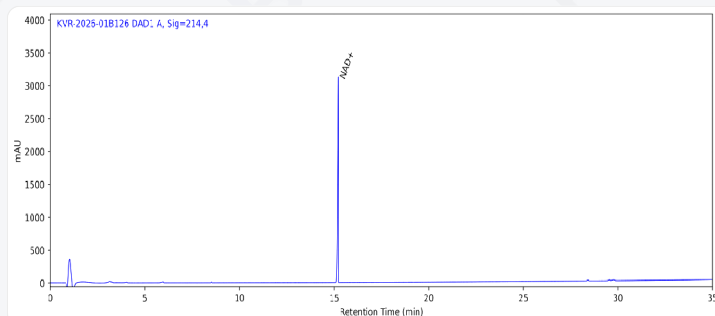
Analyte	Result	Status
Arsenic (As)	Negative	<input checked="" type="checkbox"/>
Cadmium (Cd)	Negative	<input checked="" type="checkbox"/>
Lead (Pb)	Negative	<input checked="" type="checkbox"/>
Mercury (Hg)	Negative	<input checked="" type="checkbox"/>

BATCH CONFORMITY RESULTS

Vial	Purity (%)	Net Content (mg)
Vial 1	99.856	515.71
Vial 2	99.867	519.13
Batch Average	99.862%	517.42 mg

CHROMATOGRAM

Method: RP-HPLC | Column: C18 | Detection: DAD @ 260 nm



ILS Laboratories

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

NAD+ - 1000mg

PASS



Tested for: Voltera Sciences
www.VolteraSciences.com

COA #:	COA-2026-412597	Method:	Full QC Panel
Lot Number:	NAD1.05.15.2026	Analysis Date:	05/08/2026
Accession #:	ACC-2026-1994	Appearance:	Good
Concentration:	1000mg	Volume:	10mL
Sample Matrix:	Lyophilized	Received:	05/05/2026



Scan to verify
authenticity at ils-lab.com

Identity

NAD+

Purity

99.63%



NAD+ 1000mg - NAD1.05.15.2026

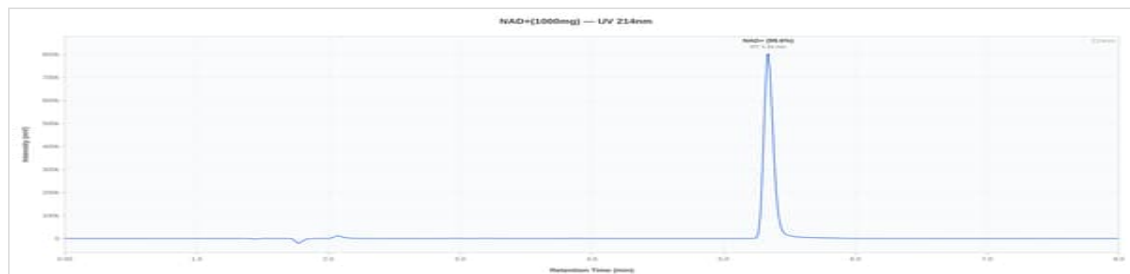
Purity & Quant (HPLC)

Analyte	Specification	Result	Unit	Status
Purity (HPLC)	>= 95.0%	99.63%	%	PASS
Net Peptide Content	Report Only	1053.89	mg	N/A
Identity (ID)	NAD+	Confirmed	-	PASS

Heavy Metals (ICP-MS)

Analyte	Specification	Result	Unit	Status
Heavy Metals				
Arsenic (As)	<= 1.5 ppm	0.1323 ppm	ppm	PASS
Cadmium (Cd)	<= 0.5 ppm	Not Detected	ppm	PASS
Lead (Pb)	<= 1 ppm	Not Detected	ppm	PASS
Mercury (Hg)	<= 1.5 ppm	Not Detected	ppm	PASS
Chromium (Cr)	<= 10 ppm	0.15 ppm	ppm	PASS

HPLC Chromatogram



NAD+ 1000mg - NAD1.05.15.2026: UV Chromatogram




Dr. Greg Kalyuzhny
Lab Director
5/19/2026

COA #: **COA-2026-412597**
Access Code: **2LY9G-U0**
Verify: portal.ils-lab.com/verify/zHMZNI3ia-vNWrzX
Issued: 5/19/2026

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NAD+ - 1000mg

PASS

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COA #:	COA-2026-412597	Method:	Full QC Panel
Lot Number:	NAD1.05.15.2026	Analysis Date:	05/08/2026
Accession #:	ACC-2026-1994	Appearance:	Good
Concentration:	1000mg	Volume:	10mL
Sample Matrix:	Lyophilized	Received:	05/05/2026



Scan to verify authenticity at ils-lab.com

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	0.087 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: 05/19/2026. Methods: 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 acceptance limits are product-specific. Results reported for client evaluation.




Dr. Greg Kalyuzhny
Lab Director
5/19/2026

COA #: **COA-2026-412597**
Access Code: **2LY9G-U0**
Verify: portal.ils-lab.com/verify/zHMZn3ia-vNWrzX
Issued: 5/19/2026