Certificate of Analysis

ILS Laboratories
8222 VickersSt, Suite106, San Diego, CA 92111
(619) 329-3999

NAD+ - 500mg

PASS

Tested for: UPrime Labs
uprimelabs.com

COA #:	**COA-2026-PJDBJS**	Method:	**Full QC Panel**
Lot Number:	**NAD0001**	Analysis Date:	**05/29/2026**
Accession #:	**ACC-2026-3158**	Appearance:	**Good**
Concentration:	**500mg**	Volume:	**10mL**
Sample Matrix:	**Lyophilized**	Received:	**05/22/2026**

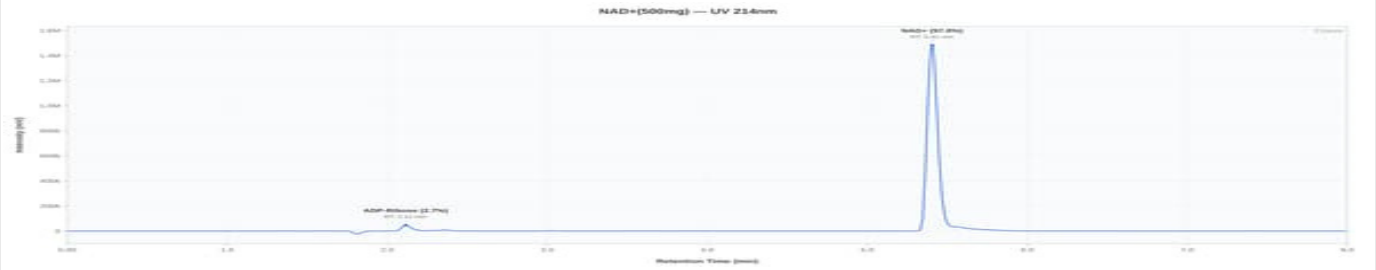
Identity
NAD+

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
Lab Director
5/29/2026

COA #: COA-2026-PJDBJS
Access Code:
Verify:
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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

1. Date Tested: 05/29/2026. Methods: Purity & Quant (HPLC).
2. The sample was confirmed to be NAD+ by HPLC. Identification by chromatographic retention time comparison with a reference standard.
3. 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.
4. Endotoxin tested per USP <85> kinetic turbidimetric method. Acceptance criteria per client specification.
5. Purity determined by RP-HPLC area normalization at 214 nm.
6. Chromatogram shown is representative: Conformity V1 (99.67% purity, closest to batch mean of 99.62%).

Dr. Greg Kalyuzhny
Lab Director
5/29/2026

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