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: Glow Aminos
www.glowaminos.com

COA #:	**COA-2026-412421**	Method:	**Full QC Panel**
Lot Number:	**GL-010112**	Analysis Date:	**05/14/2026**
Accession #:	**ACC-2026-2317**	Appearance:	**Good**
Concentration:	**500mg**	Volume:	**10mL**
Sample Matrix:	**Lyophilized**	Received:	**05/11/2026**

Scan to verify authenticity at ils-lab.com

Identity	Purity	
NAD+	**99.37%**	Fentanyl Free

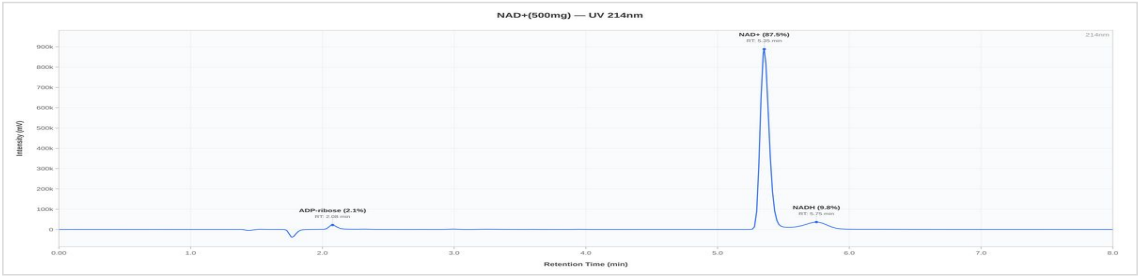


NAD+ 500mg - GL-010112

Blend Purity & Quant (HPLC)

Analyte	Specification	Result	Unit	Status
Purity (HPLC)	>= 95.0%	**99.37%**	%	PASS
Net Peptide Content	Report Only	**527.36**	mg	N/A
Identity (ID)	NAD+	**Confirmed**	-	PASS
Fentanyl Screen	Immunoassay, 50 ng/mL cutoff	**Not Detected**	-	PASS

HPLC Chromatogram



Representative chromatogram, Dedicated V0 (99.37% purity, closest to batch mean of 99.37%)

HPLC Conformity Testing Results (2 samples tested)

Sample	Purity	NPC	ID	Result
Dedicated V0	99.37%	527.36 mg	Confirmed	PASS
Conformity V1	99.36%	531.63 mg	N/A	PASS
Mean	**99.37%**	**529.50 mg**	—	—
Std Dev	**0.0050%**	**2.1350 mg**	—	—

Issued by ILS Laboratories
(619) 329-3999
ils-lab.com

Dr. Greg Kalyuzhny
Lab Director
5/15/2026

COA #: **COA-2026-412421**
Access Code: **P0LR0JDN**
Verify: portal.ils-lab.com/verify/vlxPF-wKg0PZaJQs
Issued: 5/15/2026

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: Glow Aminos
www.glowaminos.com

COA #:	**COA-2026-412421**	Method:	**Full QC Panel**
Lot Number:	**GL-010112**	Analysis Date:	**05/14/2026**
Accession #:	**ACC-2026-2317**	Appearance:	**Good**
Concentration:	**500mg**	Volume:	**10mL**
Sample Matrix:	**Lyophilized**	Received:	**05/11/2026**

Scan to verify authenticity at ils-lab.com

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	Unit	Status
Sterility (PCR)	No Growth	**No Growth**	-	**PASS**

Endotoxin Testing (USP <85>)

Test	Specification	Result	Unit	Status
Endotoxin (USP <85>)	< 0.25 EU/mL	**0.056 EU/mL**		**PASS**

Certificate Change History — **ILS QA**

Revision 1 – reissued October 30, 2026
Certificate statement updated. Test results are unchanged. Supersedes the original issued 05/15/2026.

Notes & Methodology

1. Date Tested: 05/14/2026. Methods: Blend 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 route-of-administration standard.
4. Chromatogram shown is representative: Dedicated V0 (99.37% purity, closest to batch mean of 99.37%).

Issued by ILS Laboratories
(619) 329-3999
ils-lab.com

Dr. Greg Kalyuzhny
Lab Director
5/15/2026

COA #: **COA-2026-412421**
Access Code: **P0LR0JDN**
Verify: portal.ils-lab.com/verify/vlxPF-wKg0PZaJQs
Issued: 5/15/2026

ILS Laboratories | 8222 Vickers St, Suite 106, San Diego, CA 92111 | (619) 329-3999 | ils-lab.com
Quality System: ILS Laboratories operates an ISO/IEC 17025 quality management system. This certificate relates only to the sample(s) tested.