Certificate of Analysis

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

NAD+ - 500

PASS

Tested for: Crush Research
https://www.crushresearch.shop/

COA #:	**COA-2026-SG7_J9**	Method:	**Full QC Panel**
Lot Number:	**CR-NJ500-0309-1**	Analysis Date:	**05/11/2026**
Accession #:	**ACC-2026-2070**	Appearance:	**Good**
Concentration:	**500**	Volume:	**10mL**
Sample Matrix:	**Powder**	Received:	**05/06/2026**

Scan to verify authenticity at ils-lab.com

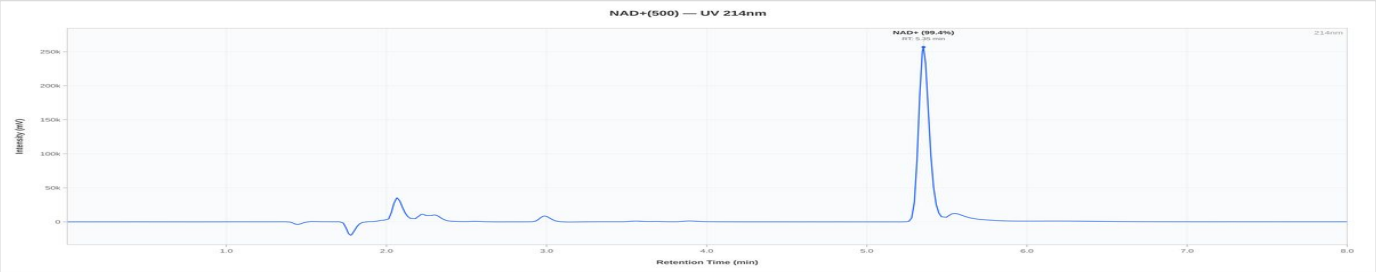
Identity	Purity
NAD+	**99.44%**

Blend Purity & Quant (HPLC)

Analyte	Specification	Result	Unit	Status
Purity (HPLC)	>= 95.0%	**99.44%**	%	PASS
Net Peptide Content	Report Only	**522.51**	mg	N/A
Identity (ID)	NAD+	**Confirmed**	-	PASS

Excluded peaks are attributed to inherent degradation products of NAD+ and do not represent foreign impurities.

HPLC Chromatogram



Representative chromatogram, Conformity V1 (99.41% purity, closest to batch mean of 99.39%)

HPLC Conformity Testing Results (3 samples tested)

Sample	Purity	NPC	ID	Result
Dedicated V0	99.32%	525.95 mg	Confirmed	PASS
Conformity V1	99.41%	513.9 mg	Confirmed	PASS
Conformity V2	99.44%	522.51 mg	Confirmed	PASS
Mean	**99.39%**	**520.79 mg**	—	—
Std Dev	**0.0510%**	**5.0681 mg**	—	—

Dr. Greg Kalyuzhny
Lab Director
5/11/2026

COA #: **COA-2026-SG7_J9**
Access Code: **PQD6GXYS**
Verify: portal.ils-lab.com/verify/bfwwaQgyTUKu4Wy3
Issued: 5/11/2026

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Lot Number:	**CR-NJ500-0309-1**	Analysis Date:	**05/11/2026**
Accession #:	**ACC-2026-2070**	Appearance:	**Good**
Concentration:	**500**	Volume:	**10mL**
Sample Matrix:	**Powder**	Received:	**05/06/2026**

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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	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	**0.09 EU/mL**		**PASS**

Notes & Methodology

1. Date Tested: 05/11/2026. 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: Conformity V1 (99.41% purity, closest to batch mean of 99.39%).

Dr. Greg Kalyuzhny
Lab Director
5/11/2026

COA #: **COA-2026-SG7_J9**
Access Code: **PQD6GXYS**
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