

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



Scan to verify authenticity at ils-lab.com

Identity  
**NAD+**

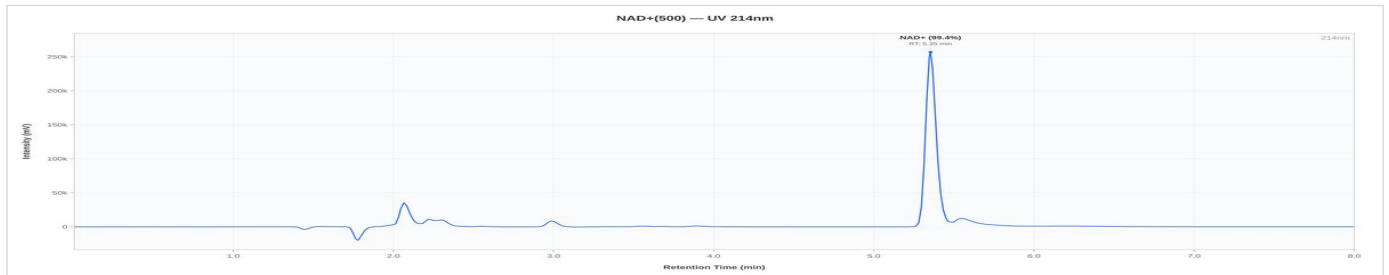
Purity  
**99.44%**

### Blend Purity & Quant (HPLC)

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

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	<b>PASS</b>
Conformity V1	99.41%	513.9 mg	Confirmed	<b>PASS</b>
Conformity V2	99.44%	522.51 mg	Confirmed	<b>PASS</b>
Mean	<b>99.39%</b>	<b>520.79 mg</b>	—	—
Std Dev	<b>0.0510%</b>	<b>5.0681 mg</b>	—	—




**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

## ILS Laboratories

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

## NAD+ - 500

**PASS**

**CRUSH** Tested for: **Crush Research**  
<https://www.crushresearch.shop/>

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



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	0.09 EU/mL		PASS

### Notes & Methodology

- Date Tested: 05/11/2026. Methods: Blend Purity & Quant (HPLC).
- The sample was confirmed to be NAD+ by HPLC. Identification by chromatographic retention time comparison with a reference standard.
- 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.
- 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**  
Verify: <portal.ils-lab.com/verify/bfwwaQgyTUKu4Wy3>  
Issued: 5/11/2026