# 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: BioBoost Labs LLC**
157 Stardust Trail | BioBoostLabsLLC.com

| | | | |
|---|---|---|---|
| COA #: | **COA-2026-OK_W4K** | Method: | **Full QC Panel** |
| Lot Number: | **NAD500-CLR-0807** | Analysis Date: | **06/01/2026** |
| Accession #: | **ACC-2026-3204** | Appearance: | **Good** |
| Labeled Content: | **500mg** | Vial Size: | **10mL** |
| Sample Matrix: | **Lyophilized** | Date Received: | **05/26/2026** |

Scan to verify authenticity at ils-lab.com
**Access Code: NW5EVFH5**

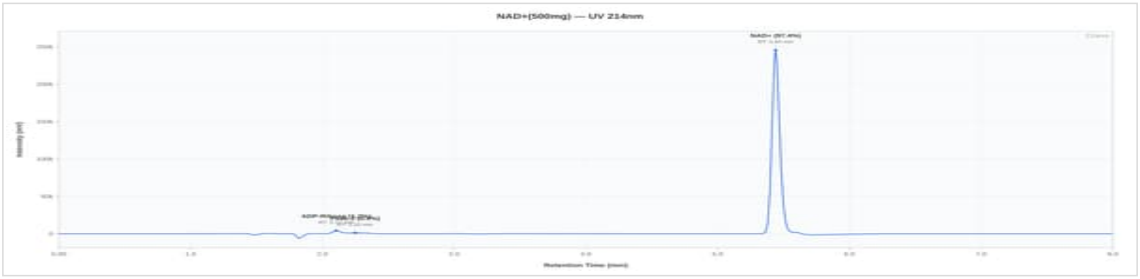
| Identity | Purity |
|---|---|
| NAD+ | 99.10% |

*NAD+ 500mg - NAD500-CLR-0807*

### Full QC Panel

| Analyte | Specification | Result | Unit | Status |
|---|---|---|---|---|
| **Purity (HPLC)** | >= 95.0% | **99.10%** | % | **PASS** |
| **Net Peptide Content** | Report Only | **528.75** | mg | N/A |
| **Identity (HPLC-RTM)** | NAD+ 500mg | **Confirmed** | - | **PASS** |

### HPLC Chromatogram



*NAD+ 500mg - NAD500-CLR-0807: UV Chromatogram*

### 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** |

ilac-MRA PJLA Testing Accreditation No. 59423

**Dr. Greg Kalyuzhny**
Lab Director
6/1/2026

COA #: **COA-2026-OK_W4K**
Access Code: **NW5EVFH5**
Verify: portal.ils-lab.com/verify/n3N3U5HK_cJ3DrVI
Issued: 6/1/2026

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### 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 | **0.059 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: 06/01/2026. Methods: Full QC Panel.
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.

**Dr. Greg Kalyuzhny**
Lab Director
6/1/2026

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