

**Puralytix Analytical Laboratories**

Independent third-party analytical laboratory

ISO/IEC 17025:2017 (ref. PLX-UKAS-8847)

## NAD+ (Nicotinamide Adenine Dinucleotide)

Metabolic & Longevity • 250mg • Research Use Only

### 1. SAMPLE IDENTIFICATION

|              |                                          |                 |                    |
|--------------|------------------------------------------|-----------------|--------------------|
| Product      | NAD+ (Nicotinamide Adenine Dinucleotide) | Batch / Lot no. | GP26-2169          |
| Category     | Metabolic & Longevity                    | Strength        | 250mg              |
| Presentation | Research Vial                            | Dosage form     | Lyophilised Powder |

### 2. IDENTITY CONFIRMATION

|                               |                   |                                |                                |
|-------------------------------|-------------------|--------------------------------|--------------------------------|
| Method                        | LC-MS (ESI-Q-TOF) | Result                         | Conforms to reference standard |
| [M+H] <sup>+</sup> observed   | 3085.4 m/z        | [M+H] <sup>+</sup> theoretical | 3085.5 m/z                     |
| [M+2H] <sup>2+</sup> observed | 1543.3 m/z        | Mass deviation                 | -0.1 Da                        |

### 3. PURITY AND QUANTITATIVE CONTENT

|                        |                                    |                           |                    |
|------------------------|------------------------------------|---------------------------|--------------------|
| Technique              | HPLC                               | Method                    | RP-HPLC-UV, 214 nm |
| Chromatographic purity | 98.9 % (area normalisation)        | Content, % of label claim | 98.7 %             |
| Measured content       | 246.75 mg/vial (label claim 250mg) |                           |                    |

### 4. ANALYTICAL DATA

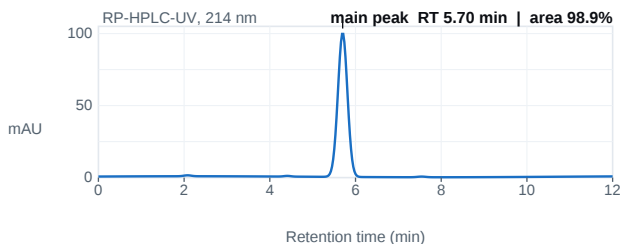


Fig. 1 — HPLC chromatogram; main peak 5.70 min, 98.9% area.

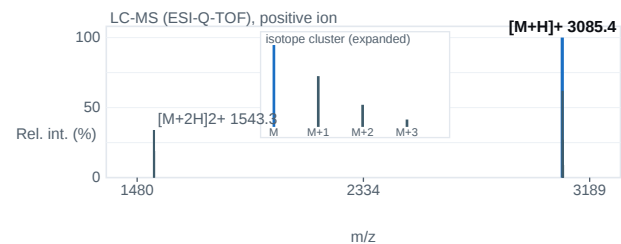


Fig. 2 — ESI-Q-TOF mass spectrum; base peak [M+H]<sup>+</sup> 3085.4 m/z.

**RESULT**      **PASS — Identity conforms; chromatographic purity 98.9%**

### 5. AUTHORISATION AND VERIFICATION

|              |                  |                     |                                   |
|--------------|------------------|---------------------|-----------------------------------|
| Analyst      | Dr. S. Patel     | Approved (QA)       | Dr. H. Bergström                  |
| Date of test | 5 September 2026 | Date of manufacture | 18 August 2026                    |
| Expiry       | 18 August 2029   | Laboratory          | Puralytix Analytical Laboratories |

#### Verify this certificate

Report ID: **GP26-2169**

Verification key: **EDQP-S9UC**

[puralytix.com/report-verification](https://puralytix.com/report-verification)

Enter the report ID and verification key on the page above, or scan the QR code, to confirm this certificate is genuine.



Scan to verify

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