



Scan to verify

NAD⁺

Order GSA-2026-000062 · Sample 062-01 · GenX Peptides

Customer	GenX Peptides
Order	GSA-2026-000062
Sample	062-01
Label	GenX NAD ⁺ 1000 mg, lot NNJ1000
Lot	NNJ1000
Prepared	18 Oct 2026
Tested	20 Oct 2026
Tests	Identity, Purity, Content



The sample as received

IDENTITY

Confirmed

consistent with NAD⁺

PURITY

90.9 %

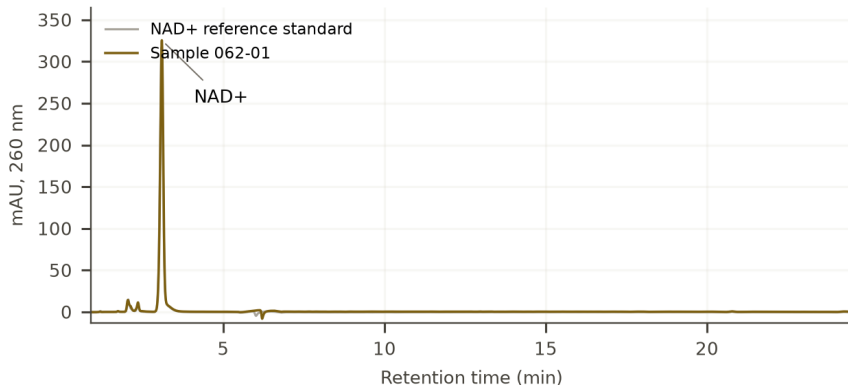
HPLC-UV, 260 nm

CONTENT

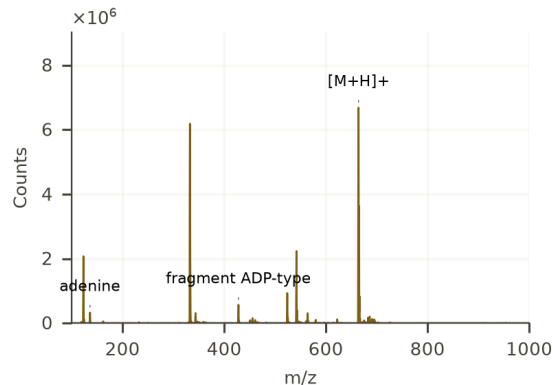
about 730 mg

per vial (73 % of the 1000 mg label)

HPLC chromatogram (UV, 260 nm)



Mass spectrum of the main peak (3.10 min)



Results

Identity	Consistent with NAD⁺. Main ion m/z 664.2 ([M+H] ⁺), as expected; retention time 3.10 min, matching the reference standard (3.10 min).
Purity	90.9 % by HPLC with UV detection at 260 nm (share of the total peak area).
Content	About 730 mg of NAD⁺ per vial (73 % of the 1000 mg label), measured from the NAD ⁺ peak by its UV absorbance at 260 nm.

Impurities

NAD⁺ is 90.9 % of what absorbs UV light at 260 nm. Known NAD⁺ breakdown products make up 5.4 %; small unidentified peaks make up the remaining 3.7 %.

Peak (min)	Amount	What it is
2.04	3.8 %	ADP-ribose: NAD ⁺ that has lost its nicotinamide (vitamin B3) part. This is the main breakdown product of NAD ⁺ .
2.36	0.82 %	Nicotinamide (vitamin B3) and AMP: two smaller pieces of broken-down NAD ⁺ , which come off the column together.
6.59	0.80 %	A larger NAD ⁺ -related compound (structure not confirmed).
7.64	0.24 %	An unidentified substance; not a known NAD ⁺ breakdown product.
8.94	0.22 %	An unidentified substance; not a known NAD ⁺ breakdown product.
9.57	1.1 %	An unidentified substance; not a known NAD ⁺ breakdown product.
12.65	0.53 %	An unidentified substance; not a known NAD ⁺ breakdown product.
14.20	0.22 %	An unidentified substance; not a known NAD ⁺ breakdown product.
14.74	0.29 %	An unidentified substance; not a known NAD ⁺ breakdown product.
15.55	0.98 %	An unidentified substance; not a known NAD ⁺ breakdown product.

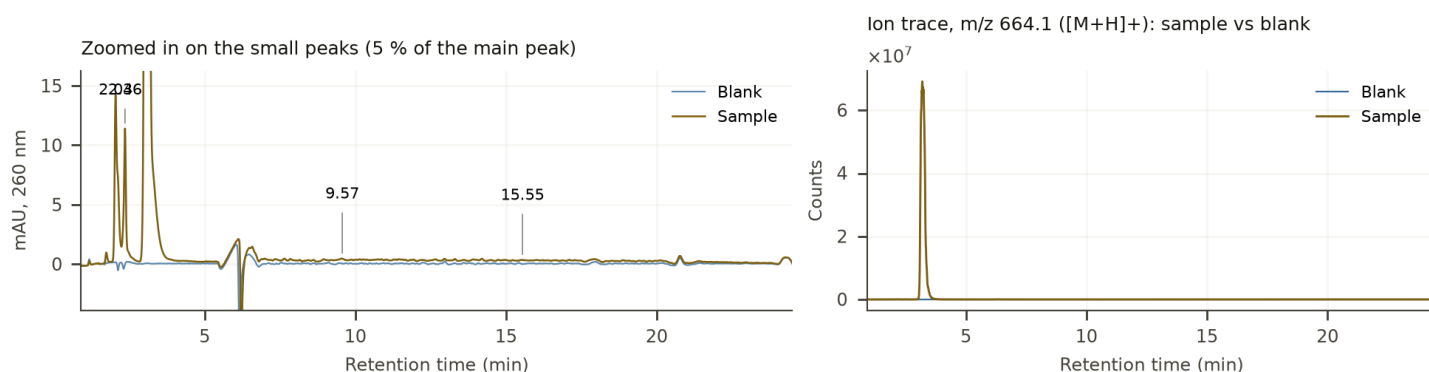
Trace peaks below 0.10 % add up to 0.10 %. Amounts are each peak's share of the total UV peak area at 260 nm.

Approved for release · Ian Ebert, Laboratory Director

Signed electronically 26 Oct 2026, 17:43 UTC · Release record: last page



Zoomed views



How it was tested

Liquid chromatography with UV and mass-spectrometry detection: Agilent 1290 Infinity II LC with a 6490 triple-quadrupole mass spectrometer. Column Polaris C18-A, 2.0 x 150 mm; water and acetonitrile, each with 0.1 % formic acid. Purity: UV peak area at 260 nm. Identity: molecular mass and retention time against a reference standard. Content: the NAD⁺ peak's UV absorbance at 260 nm.

Notes

Results apply only to the sample as received and tested. Purity is a share of the UV peak area, not a weight percentage. Identity is by molecular mass and retention time.

APPROVED FOR RELEASE

Signed electronically by a Gold Standard Analytics lab technician at release.

The signature, date and verification code are on the release record, the last page of this certificate.

Customer and order	GenX Peptides · GSA-2026-000062
Sample and report	062-01 · NAD+ Certificate of Analysis
Report reference	GSA-COA-000062-06201-20261026
Certificate accession	GSA-2026-014283
Released and signed by	Ian Ebert, Laboratory Director
Date and time (UTC)	2026-10-26 17:43:41Z
Signature meaning	Approved for release. The signer reviewed this report and approved its release to its customer.
Approval reference	5c1f1ffd-55c3-4ba0-a3ad-1f5c967e1322
Electronic signature	Signed electronically in a signed-in GSA staff account.
Original report SHA-256	30085b62fe500ab5f63c37f33f4f5ea2a63e2e62f06d1456fc889616e2aba5a9
Verify this certificate	https://goldstandardanalytics.com/coa/GSA-2026-014283



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Signature

A handwritten signature in black ink, appearing to read 'Ian Ebert', written in a cursive style.

Ian Ebert, Laboratory Director