



Scan to verify

Tesamorelin

Order GSA-2026-000056 · Sample 056-01 · Oscar Cortes

Customer	Oscar Cortes
Order	GSA-2026-000056
Sample	056-01
Label	Tesamorelin 10 mg, green cap
Lot	not provided
Prepared	18 Oct 2026
Tested	21 Oct 2026
Tests	Identity, Purity, Content



The sample as received

IDENTITY

Confirmed

consistent with Tesamorelin

PURITY

97.5 %

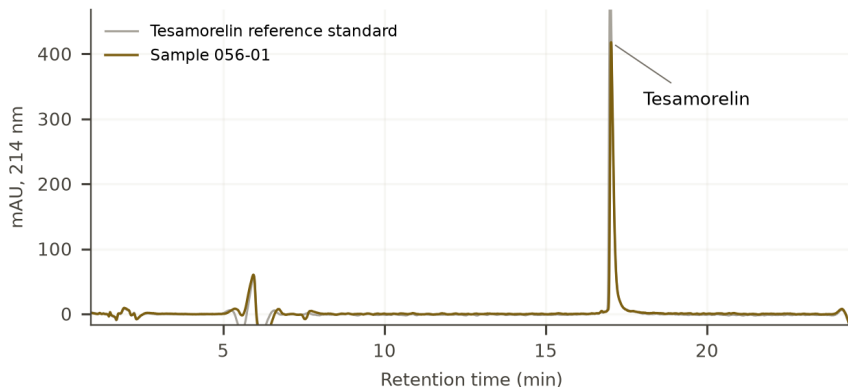
HPLC-UV, 214 nm

CONTENT

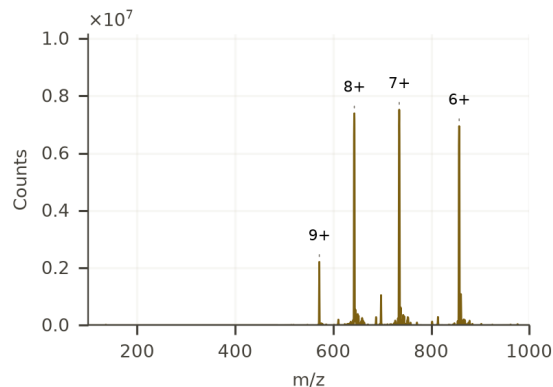
7.4 mg

per vial (74 % of the 10 mg label)

HPLC chromatogram (UV, 214 nm)



Mass spectrum of the main peak (17.03 min)



Results

Identity	Consistent with Tesamorelin. Measured mass 5135.9 (expected 5135.9); retention time 17.03 min, matching the reference standard (16.99 min).
Purity	97.5 % by HPLC with UV detection at 214 nm (share of the total peak area).
Content	7.4 mg of Tesamorelin per vial (74 % of the 10 mg label), measured by HPLC against a Tesamorelin reference standard.

Impurities

Every peak other than Tesamorelin that was found in the sample:

Peak (min)	Amount	What it is
1.50	0.17 %	An unidentified substance that is not a form of Tesamorelin (its mass does not match).
1.71	0.19 %	An unidentified substance that is not a form of Tesamorelin (its mass does not match).
7.72	1.2 %	An unidentified substance that is not a form of Tesamorelin (its mass does not match).
15.39	0.14 %	An unidentified substance that is not a form of Tesamorelin (its mass does not match).
16.74	0.79 %	Oxidized tesamorelin: tesamorelin with one extra oxygen atom (mass +16). It forms when the peptide is exposed to air.

Amounts are each peak's share of the total UV peak area at 214 nm.

APPROVED FOR RELEASE

Ian Ebert, Laboratory Director

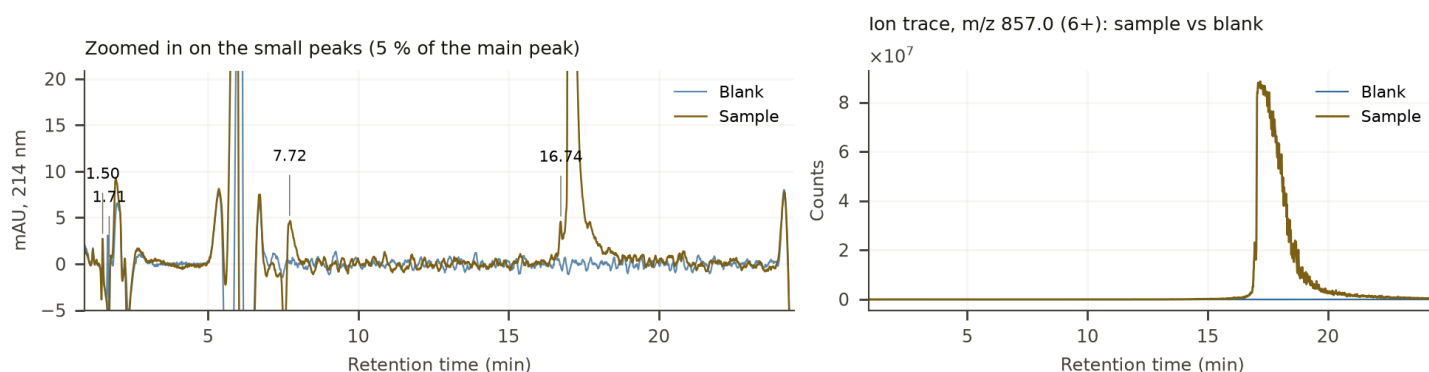
Signed electronically

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 214 nm. Identity: molecular mass and retention time against a reference standard. Content: HPLC against a reference standard of the same compound.

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; the amino-acid sequence was not checked. Content assumes the whole vial was dissolved for its 10 mg label, as our procedure specifies. The autosampler tray was warmer than its 4 °C set point during this test (up to 22 °C).

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	Oscar Cortes · GSA-2026-000056
Sample and report	056-01 · Tesamorelin Certificate of Analysis
Report reference	GSA-COA-000056-05601-20261026
Certificate accession	GSA-2026-704329
Released and signed by	Ian Ebert, Laboratory Director
Date and time (UTC)	2026-10-26 17:43:39Z
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	463e486a2ddbb89eba9861a47d1ec06c06d60dd38553947383e8fcd9a1308b3a
Verify this certificate	https://goldstandardanalytics.com/coa/GSA-2026-704329



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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