Meridian Assay

Independent analytical testing - Cambridge MA

TASK NO.
5W3F8NS
Report MA-PEP-0044 - Rev. 01

CERTIFICATE OF ANALYSIS

Tesamorelin - 5 mg

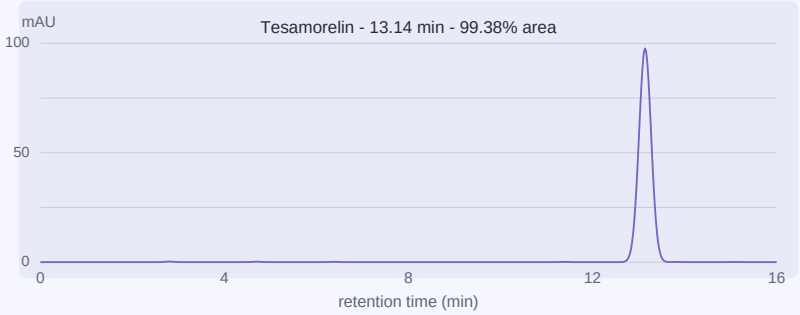
Synthetic 44-residue GHRH analogue - N-terminal trans-3-hexenoyl group - lyophilised

Material	Tesamorelin	Client	novumpeptides.com	Received	2026-09-15 at 2-8 C
Batch / lot	PEP-44-8NS	Label claim	5 mg	Analysed	2026-09-16 to 2026-09-17

TEST RESULTS

ATTRIBUTE	RESULT	SPECIFICATION	METHOD	VERDICT
Identity	**Conforms**	Matches reference	MA-MS-014 / LC-HRMS	Conforms
Purity (area %)	**99.38%**	>= 99.00%	MA-UHPLC-031 / UV 214	Pass
Largest single impurity	**0.19%**	<= 0.50%	MA-UHPLC-031 / UV 214	Pass
Total related substances	**0.62%**	<= 1.00%	MA-UHPLC-031 / UV 214	Pass
Tesamorelin per vial	**4.98 mg**	4.50-5.50 mg	MA-ASSAY-011 / UHPLC-UV	Pass
Water content	**4.46%**	<= 8.00%	MA-KF-004 / Karl Fischer	Pass
Residual acetonitrile	**176 ppm**	<= 410 ppm	MA-GC-006 / HS-GC-FID	Pass
Residual TFA	**0.20%**	<= 1.00%	MA-IC-003 / ion chromatography	Pass

RP-UHPLC processed trace, UV detection



Record 5W3F8NS-PEP-01; duplicate independent preparations. System suitability met retention-time and resolution criteria; blank response was below threshold.

Related species profile

Related peak A	0.19%
Related peak B	0.14%
Related peak C	0.10%
Related peak D	0.08%
Related peak E	0.06%
Related peak F	0.05%

Related species reported by integrated UV peak area. Structural assignments are not made. Reporting threshold: 0.03% area.

Conclusion

Identity and quality attributes met the stated criteria. Mean Tesamorelin content was 4.98 mg/vial and chromatographic purity was 99.38%.

Identity was established by LC-HRMS against a qualified reference; content and related substances were assessed independently.

Decision rule: simple acceptance; reported results are compared directly with the stated project specifications.

Analytical review
Ines Abadi I.Abadi

Quality review
Marcus Oyelaran
Prepared: 2026-09-18 M.Oyelaran