VERIFIED VIALS

VV-COA-ST1-001
Document reference

19 October 2026
Date issued

Certificate of Analysis

ST-1 · Research Grade Peptide — Purity & Identity (HPLC + LC-MS)

Issued by Verified Vials on the basis of testing carried out by an independent third-party laboratory, PeptideVerify.

01 PRODUCT

PRODUCT
ST-1 · Research Grade Peptide

INTENDED USE
Laboratory research use only

SUPPLIED BY
Verified Vials, Belfast, Northern Ireland

SAMPLE REFERENCE ON LABORATORY RECORD
Semaglutide
ST-1 is the current product name for the material Verified Vials submitted to the laboratory as Semaglutide, the reference carried on the laboratory certificate cited below.

BATCH NUMBERS & EXPIRY
2 mg ST2-191026-A · 5 mg ST5-191026-A · Expiry 19 October 2029

02 RESULT

PURITY — HPLC, PEAK PURITY INDEX
99.20 %
Single integrated peak · UV detection at 215 nm

✓ IDENTITY CONFIRMED
LC-MS identity check: the detected ion pattern matches the laboratory's reference for Semaglutide.
Purity reflects UV-detectable compounds only; non-UV excipients are not measured by this method.

03 TEST DETAILS

LABORATORY
PeptideVerify (independent of the supplier)

LABORATORY CERTIFICATE
PV-6D24CD-AFFI-59

LABORATORY CERTIFICATE ISSUED
9 February 2026

TEST TYPE
HPLC + LC-MS

METHOD
HPLC + ESI-MS

ANALYSIS DATE
6 February 2026

INSTRUMENT
Shimadzu LCMS-8040 · PDA

SAMPLE AS RECEIVED
White lyophilised powder

CONDITION ON RECEIPT
As Expected

04 IDENTITY & SYSTEM SUITABILITY

PARAMETER	OBSERVED	ACCEPTANCE / REFERENCE	OUTCOME
MS identity match (ESI-MS)	Ion pattern matches reference	Lab reference: Semaglutide	CONFIRMED
Detected molecular weight	4,112.7 Da	Expected MW: 4,113.58 Da	—
Charge states matched	[M+3H]3+ · [M+4H]4+	Both give 4,112.7–4,112.8 Da	MATCH
Main peak retention time	9.013 min	Total peaks detected: 1	—
Tailing factor (T)	2.40	≤ 3.5	PASS
Theoretical plates (N)	4,562	≥ 600	PASS

Sample received as a white lyophilised powder, condition as expected. Purity is a Peak Purity Index from the HPLC trace at 215 nm and reflects UV-detectable compounds only; non-UV excipients (mannitol, sugars, salts) are not measured.

05 VERIFICATION & AUTHORISATION

peptideverify.co.uk/verify/PV-6D24CD-AFFI-59

The analysis was carried out by PeptideVerify. Their certificate PV-6D24CD-AFFI-59 is the source record for every figure on this page and can be checked at the address above or by scanning the code.

This document is issued by Verified Vials and summarises that laboratory record under the product's current name. It is not a PeptideVerify document.

AUTHORISED BY
Quality Control
Verified Vials
19 October 2026

SIGNATURE

For laboratory research use only. Not for human or veterinary use. This certificate relates to the sample as received by the laboratory and summarises the laboratory's reported findings for that sample. It is not a guarantee of other units or batches, is not a safety assessment, and is not medical advice. Where this summary and the laboratory record differ, the laboratory record prevails.