VERIFIED VIALS

VV-COA-IGF1-001
Document reference

19 October 2026
Date issued

# Certificate of Analysis

**IGF-1 LR3 · 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
**IGF-1 LR3 · Research Grade Peptide**

INTENDED USE
Laboratory research use only

SUPPLIED BY
Verified Vials, Belfast, Northern Ireland

SAMPLE NAME ON LABORATORY RECORD
IGF-1 LR3

BATCH NUMBERS & EXPIRY
1 mg IGF1-260626-A · Expiry 26 June 2029

## 02 RESULT

PURITY — HPLC, PEAK PURITY INDEX

**98.45 %**

Single integrated peak detected

✓ IDENTITY CONFIRMED

LC-MS identity check: the detected ion pattern matches the laboratory's reference for IGF-1 LR3.

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-35D20F-2X74-D4

LABORATORY CERTIFICATE ISSUED
9 July 2026

TEST TYPE
HPLC + LC-MS

METHOD
HPLC + ESI-MS

ANALYSIS DATE
6 July 2026

INSTRUMENT
Shimadzu LCMS-8040

## 04 IDENTITY & SYSTEM SUITABILITY

| PARAMETER | OBSERVED | ACCEPTANCE / REFERENCE | OUTCOME |
|---|---|---|---|
| MS identity match (ESI-MS) | Ion pattern matches reference | Lab reference: IGF-1 LR3 | CONFIRMED |
| Detected molecular weight | 9109.3 Da | Expected MW: 9111.0 Da | — |
| Main peak retention time | 6.709 min | Total peaks detected: 1 | — |
| Tailing factor (T) | 1.84 | ≤ 3.5 | PASS |
| Theoretical plates (N) | 13254.00 | ≥ 500 | PASS |

Resolution (Rs) was reported by the laboratory as not applicable for this sample (limit ≥ 1.5). Purity is a Peak Purity Index from the HPLC trace and reflects UV-detectable compounds only; non-UV excipients (mannitol, sugars, salts) are not measured.

## 05 VERIFICATION & AUTHORISATION

**peptideverify.co.uk/verify/PV-35D20F-2X74-D4**

The analysis was carried out by PeptideVerify. Their certificate PV-35D20F-2X74-D4 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. 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.