



# AMINO PEPTIDES

## Analytical Reference Certificate

TARGET SPECIFICATIONS · HPLC-UV/MS REFERENCE

|                       |            |               |                             |
|-----------------------|------------|---------------|-----------------------------|
| PRODUCT               | CAS NUMBER | MOL. WEIGHT   | STORAGE                     |
| Sermorelin (GRF 1-29) | 86168-78-7 | 3357.90 g/mol | -20°C, protected from light |

| TYPICAL ANALYTICAL RESULTS |                          |                            |        |
|----------------------------|--------------------------|----------------------------|--------|
| TEST PARAMETER             | TYPICAL RESULT           | SPECIFICATION              | STATUS |
| Identity                   | Confirmed                | Matches reference standard | PASS   |
| Chromatographic Purity     | ≥ 99.70%                 | ≥ 98.0%                    | PASS   |
| Mass Spectrometry          | Matches MW               | Matches MW                 | PASS   |
| Appearance                 | White lyophilised powder | White lyophilised powder   | PASS   |

| COMPOUND REFERENCE |                                                                     | DOCUMENTATION                                                                                                                                                                                   |
|--------------------|---------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NAME               | Sermorelin (GRF 1-29)                                               | This Analytical Reference Certificate reflects the manufacturer-verified typical analytical results and target specifications for this compound. It serves as an analytical standard reference. |
| CAS                | 86168-78-7                                                          |                                                                                                                                                                                                 |
| MOLECULAR FORMULA  | C <sub>149</sub> H <sub>246</sub> N <sub>44</sub> O <sub>42</sub> S |                                                                                                                                                                                                 |
| MOLECULAR WEIGHT   | 3357.90 g/mol                                                       |                                                                                                                                                                                                 |
| FORM               | White lyophilised powder                                            |                                                                                                                                                                                                 |

Research Use Only - This product is supplied strictly for in-vitro research and laboratory use only. It is not intended for human or veterinary administration, and must not be ingested or applied to or within the body.