

## Tesamorelin GHRH Analogue

Growth Hormone & IGF • 5mg • Research Use Only

### 1. SAMPLE IDENTIFICATION

|              |                           |                 |                    |
|--------------|---------------------------|-----------------|--------------------|
| Product      | Tesamorelin GHRH Analogue | Batch / Lot no. | GP26-2132          |
| Category     | Growth Hormone & IGF      | Strength        | 5mg                |
| Presentation | Research Vial             | Dosage form     | Lyophilised Powder |

### 2. IDENTITY CONFIRMATION

|                               |                   |                                |                                |
|-------------------------------|-------------------|--------------------------------|--------------------------------|
| Method                        | LC-MS (ESI-Q-TOF) | Result                         | Conforms to reference standard |
| [M+H] <sup>+</sup> observed   | 2459.0 m/z        | [M+H] <sup>+</sup> theoretical | 2459.2 m/z                     |
| [M+2H] <sup>2+</sup> observed | 1230.1 m/z        | Mass deviation                 | -0.2 Da                        |

### 3. PURITY AND QUANTITATIVE CONTENT

|                        |                                |                           |                 |
|------------------------|--------------------------------|---------------------------|-----------------|
| Technique              | UPLC                           | Method                    | UPLC-UV, 214 nm |
| Chromatographic purity | 98.5 % (area normalisation)    | Content, % of label claim | 99.8 %          |
| Measured content       | 4.99 mg/vial (label claim 5mg) |                           |                 |

### 4. ANALYTICAL DATA

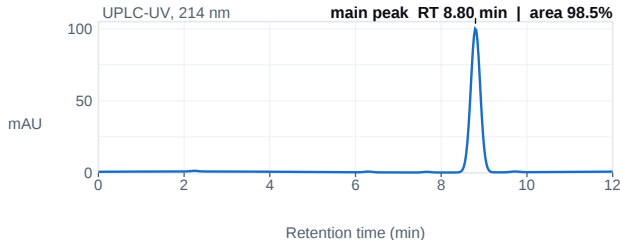


Fig. 1 — UPLC chromatogram; main peak 8.80 min, 98.5% area.

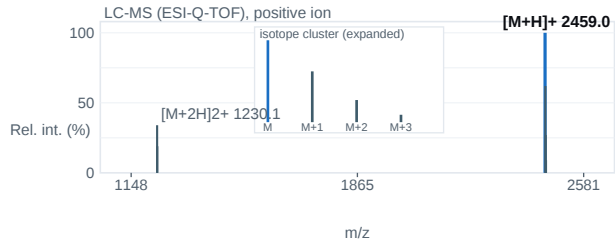


Fig. 2 — ESI-Q-TOF mass spectrum; base peak [M+H]<sup>+</sup> 2459.0 m/z.

**RESULT** **PASS — Identity conforms; chromatographic purity 98.5%**

### 5. AUTHORISATION AND VERIFICATION

|              |                |                     |                                   |
|--------------|----------------|---------------------|-----------------------------------|
| Analyst      | Dr. E. Vasquez | Approved (QA)       | Dr. N. Kowalski                   |
| Date of test | 24 August 2026 | Date of manufacture | 4 August 2026                     |
| Expiry       | 4 August 2029  | Laboratory          | Puralytix Analytical Laboratories |

#### Verify this certificate

Report ID: **GP26-2132**

Verification key: **7D2L-KBM7**

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Enter the report ID and verification key on the page above, or scan the QR code, to confirm this certificate is genuine.



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