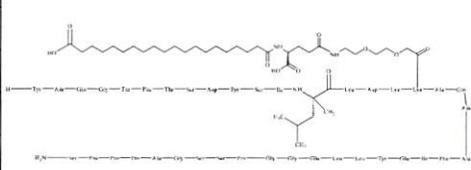


Certificate of Analysis

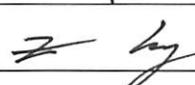
Certificate No.: **20260212009**

Date: February 12, 2026

Retest date: February 10, 2029

| | | |
|------------------------------|---|--|
| Compound Name: | Retatrutide | |
| TLC Catalogue Number: | PR-178001 |  |
| CAS Number: | 2381089-83-2 | |
| Alternate CAS Number: | N/A | |
| Molecular Weight: | 4731.42 | |
| Molecular Formula: | C ₂₂₁ H ₃₄₂ N ₄₆ O ₆₈ | |
| Source: | TLC Pharmaceutical Standards | |
| Source Lot No.: | 7309-005A8 | |
| Storage Conditions: | Store at 2-8 °C | |
| Solubility: | Methanol, DMSO | |

| Test Description | Specifications | Results |
|--------------------------------|----------------------------------|--|
| Visual Description | White to off-white solid | Conforms |
| Identification | | |
| IR | Conforms to structure | Conforms |
| MS | Conforms to structure | Conforms |
| ¹ H NMR | Conforms to structure | Conforms |
| Purity (HPLC) | Not less than 95.0% | 99.7% |
| Impurity (HPLC) | RT 21.09, 0.18%; RT 22.97, 0.16% | |
| Water Content (KF) | N/A | 2.9% |
| Optical Rotation | N/A | [α] _D ^{25.0} (c=0.80, CH ₃ OH): -13.3° |
| Residual Solvents (NMR) | No residual solvent | |
| Assay (%) | Not less than 90.0% | 96.8% |
| Recommendation: | Release. | |

| Name | Department | Signature | Date |
|---------------------------|-------------------|--|------------|
| Reviewed and approved by: | Quality Control |  | 02/12/2026 |
| Approved by: | Quality Assurance |  | 02/12/2026 |

Attachments: Peak Attribution Table, Assay Calculation, HPLC, IR, MS and NMR spectra.