

CLIENT & SAMPLE INFORMATION

|              |                  |                |                 |
|--------------|------------------|----------------|-----------------|
| Client       | Peptide Partners | Certified Date | August 22, 2026 |
| Product Name | Retatrutide      | Strength       | 10 mg           |
| Lot / Batch  | RTT2631          | Condition      | Lyophilized     |

ICP-MS metals analysis performed using EPA-referenced methods; results evaluated against internal acceptance criteria.

TEST METHODOLOGY

|                |                                                         |               |                              |
|----------------|---------------------------------------------------------|---------------|------------------------------|
| Test Performed | Elemental Impurities Analysis                           | Instrument    | ICP-MS                       |
| Sample Prep    | HNO <sub>3</sub> / H <sub>2</sub> O <sub>2</sub> matrix | Calibration   | Multi-element standard curve |
| Internal Std   | Sc, Ge, In, Bi                                          | Material Type | Raw Material (Research Use)  |

ELEMENTAL IMPURITIES RESULTS

| Element               | Result (ppm) | Acceptance Limit (ppm) | Status |
|-----------------------|--------------|------------------------|--------|
| <div>Pb</div> Lead    | < 0.5        | ≤ 10                   | PASS   |
| <div>As</div> Arsenic | < 0.15       | ≤ 1.5                  | PASS   |
| <div>Cd</div> Cadmium | < 0.05       | ≤ 0.5                  | PASS   |
| <div>Hg</div> Mercury | < 0.3        | ≤ 3                    | PASS   |

METHOD SUITABILITY (SPIKE RECOVERY)

| Element               | Spike Level | Recovery | Criteria |
|-----------------------|-------------|----------|----------|
| <div>Pb</div> Lead    | 5 ppm       | 98%      | 70–150%  |
| <div>As</div> Arsenic | 0.75 ppm    | 102%     | 70–150%  |
| <div>Cd</div> Cadmium | 0.25 ppm    | 95%      | 70–150%  |
| <div>Hg</div> Mercury | 1.5 ppm     | 91%      | 70–150%  |

Spike recovery confirms method suitability for the sample matrix.

INTERPRETATION

Elemental impurities were determined using ICP-MS with EPA-referenced analytical methods. All tested elements (Pb, As, Cd, Hg) are below the stated acceptance limits. Spike recovery values fall within acceptable ranges, confirming method suitability. The sample meets the stated acceptance criteria for elemental impurities.

QUALITY CONTROL

Method Blank: Pass    CCV: Pass    Duplicate RPD: < 20%

AUTHORIZATION

REVIEWED BY  
**Lemar Arghandiwal**  
Lab Director

