

## Tirzepatide 40mg

|               |                  |             |             |
|---------------|------------------|-------------|-------------|
| Cat. No:      | PCTBBE533        | Batch No:   | PCT-BBE533  |
| CAS No:       | 2023788-19-2     | Issue Date: | 30 May 2025 |
| Product Name: | Tirzepatide 40mg | Quantity:   | 40 mg       |

## PHYSICAL AND CHEMICAL PROPERTIES

|                    |                |          |                                                                                                             |
|--------------------|----------------|----------|-------------------------------------------------------------------------------------------------------------|
| Molecular Formula: | C225H348N48O68 | Form:    | Lyophilised Powder                                                                                          |
| Molecular Weight:  | 4813.4 g/mol   | Storage: | Powder: -20°C (3 yrs) ; 4°C (2 yrs) ; 15°C (3 mo)<br>In solution: -80°C (6 mo) ; -20°C (1 mo) ; 10°C (1 wk) |

## RESEARCH APPLICATIONS

Glucose regulation, GLP-1/GIP dual agonism, metabolic research, obesity studies

## ANALYTICAL DATA

| Test Item     | Specification                                  | Result   | Status |
|---------------|------------------------------------------------|----------|--------|
| Appearance    | White to off-white lyophilised powder          | Conforms | PASS   |
| Purity (HPLC) | >98%                                           | 98.4%    | PASS   |
| TFA Content   | <0.50%                                         | Conforms | PASS   |
| Solubility    | Soluble in sterile water or acetic acid (0.6%) | Conforms | PASS   |

Conclusion: The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. For research use only. Not for human consumption.