

## PRODUCT INFORMATION

|                  |              |                |            |
|------------------|--------------|----------------|------------|
| Product Name     | Tirzepatide  | Batch Number   | PB20260308 |
| CAS Number       | 2023788-19-2 | Test Method    | HPLC / MS  |
| Molecular Weight | 4813.5 Da    | Overall Status | PASS       |

## TEST RESULTS

| Test Item                  | Specification                         | Result                   | Status |
|----------------------------|---------------------------------------|--------------------------|--------|
| Appearance                 | White to off-white lyophilized powder | White lyophilized powder | PASS   |
| Purity (HPLC)              | "e 98.0 %                             | 99.4%                    | PASS   |
| Molecular Weight (MS)      | 4813.5 Da $\pm$ 0.1 Da                | 4813.5 Da (confirmed)    | PASS   |
| Amino Acid Composition     | Conforms to theoretical sequence      | Conforms                 | PASS   |
| Single Impurity            | "d 1.0 %                              | < 0.5%                   | PASS   |
| Total Impurities           | "d 2.0 %                              | < 1.0%                   | PASS   |
| Water Content (KF)         | "d 8.0 %                              | 4.2%                     | PASS   |
| Residue on Ignition        | "d 1.0 %                              | 0.3%                     | PASS   |
| Mass Spectrometry (ESI-MS) | Conforms to theoretical MW            | Conforms                 | PASS   |

## STORAGE &amp; HANDLING

|                    |                                                                     |
|--------------------|---------------------------------------------------------------------|
| Storage Condition: | -20°C, protected from light and moisture. Keep in sealed container. |
| Shelf Life:        | 24 months from date of manufacture when stored as directed.         |

CONCLUSION: This batch meets all specified quality requirements and is APPROVED for release.

## FOR RESEARCH USE ONLY — NOT FOR HUMAN OR VETERINARY USE

This product is intended solely for in vitro research and laboratory use. Not approved for therapeutic or diagnostic applications.