

## Certificate of Analysis

|                                                               |                                                  |                                 |              |
|---------------------------------------------------------------|--------------------------------------------------|---------------------------------|--------------|
| Product Name                                                  | Ipamorelin Acetate                               | Batch No.                       | M23X03077    |
| CAS No.                                                       | 170851-70-4                                      | MFG. Date                       | Mar 07, 2023 |
| CAT No.                                                       | M038637                                          | Retest Date                     | Mar, 2025    |
| Items                                                         | Specification                                    | Results                         |              |
| Appearance                                                    | White or off-white powder                        | Conforms                        |              |
| Solubility                                                    | Soluble in water                                 | Conforms                        |              |
| MS                                                            | 711.9±1.0                                        | Conforms                        |              |
| Related Substances                                            | Unspecified impurity<br>for each impurity: ≤1.0% | 0.57% (single largest impurity) |              |
| Purity (HPLC)                                                 | ≥ 98.0%                                          | 99.0%                           |              |
| Acetic acid                                                   | ≤ 20.0%                                          | 18.2%                           |              |
| Water Content (Karl<br>Fischer)                               | ≤ 7.0%                                           | 2.4%                            |              |
| Peptide Content (N%)                                          | ≥ 75%                                            | 78.1%                           |              |
| Residual solvent<br>Methanol<br>Acetonitrile<br>Triethylamine | ≤ 3000 ppm<br>≤ 410 ppm<br>≤ 320 ppm             | Conforms                        |              |
| Conclusion                                                    | Corresponds.                                     |                                 |              |
| Storage Condition                                             | Refrigerator.                                    |                                 |              |

QC:

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QA:

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