

## Analytical Data Sheet

|                          |   |
|--------------------------|---|
| Lot number               | 1000051282<br>not for drug use                                    |
| Catalog number           | H-3280.0005   |
| Product                  | Neuromedin B trifluoroacetate salt                                |
| Product number           | 4020211.0005  |
| Molecular formula (net)  | C <sub>52</sub> H <sub>73</sub> N <sub>15</sub> O <sub>12</sub> S |
| Molecular mass (average) | 1132.3  |

| Tests                                       | Results        |
|---|----------------|
| Components                                  |                |
| <b>Appearance</b>                           |                |
| Color                                       | white          |
| Physical form                               | powder         |
| Visible impurities                          | none           |
| <b>Appearance of solution</b>               |                |
| Clarity                                     | clear          |
| Color of solution                           | colorless      |
| Visible impurities                          | none           |
| Solvent and concentration                   | 10 mg/mL water |
| <b>Identification (ESI-MS)</b>              |                |
| Monoisotopic mass                           | 1131.5 u       |
| <b>Identification (amino acid analysis)</b> |                |
| Ala   | 1.1            |
| Asx   | 1.0            |
| Gly   | 2.1            |
| His   | 1.1            |
| Leu   | 1.0            |
| Met   | 1.0            |
| Phe   | 1.0            |
| Thr   | 1.0            |
| Trp (qualitative)                           | detected       |
| Calculation based on                        | Leu (1)        |
| <b>Purity (HPLC)</b>                        |                |
| Purity                                      | 97.3%          |

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|                       |                                    |
|-----------------------|------------------------------------|
| <b>Lot number</b>     | 1000051282                         |
| <b>Catalog number</b> | H-3280.0005                        |
| <b>Product</b>        | Neuromedin B trifluoroacetate salt |

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| <b>Tests</b>                      | <b>Results</b> |
|-----------------------------------|----------------|
| Components                        |                |
| <b>Assay (elemental analysis)</b> |                |
| Assay (EA, as is)                 | 77.8%          |

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This Analytical Data Sheet is based on reviewed analytical data and is valid without handwritten signatures.

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Date created: August 11, 2021