

**CERTIFICATE OF ANALYSIS**

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|----------------------|-----------------|
| Product Name         | Substance P     |
| Cat No               | RP10178         |
| Lot No.              | PE9891806       |
| Sequence             | RPKPQQFFGLM     |
| Modification         | NH <sub>2</sub> |
| Length               | 11AA            |
| Size                 | 5mg             |
| Storage              | -20 °C          |
| Recommended Solvent* | Ultrapure water |
| comments             | TFA salt        |

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| Test Items       | Specifications           | Results    |
|------------------|--------------------------|------------|
| Molecular Weight | Theoretical MW: 1347.63  | Consistent |
| HPLC purity      | ≥95.0%                   | ≥95.0%     |
| Appearance       | White lyophilized powder | Conforms   |

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\*Note: Above recommended solvents for reference only. If there is any request for detailed dissolution conditions, we suggest you choose our 'Peptide Solubility Test Service'.

**Caution:**

For laboratory or further manufacturing use only. Not intended for household use. If you have any questions about the Certificate of Analysis, please contact our customer service representative at 1-877-436-7274 (Toll-Free), or 1-732-885-9188.

  
Certified by: Date: 06-29-2018  
Peptide Production Director

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