

**CERTIFICATE OF ANALYSIS**

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|-----------------------------|---|
| <b>Product Name</b>         | Biotin-TAT (47-57)  |
| <b>Cat No</b>               | RP20408   |
| <b>Lot No.</b>              | PE1321601   |
| <b>Sequence</b>             | Biotin- <del>{Tyr}</del> <del>{Gly}</del> <del>{Arg}</del> <del>{Lys}</del> <del>{Lys}</del> <del>{Arg}</del> <del>{Arg}</del> <del>{Gln}</del> <del>{Arg}</del> <del>{Arg}</del> |
| <b>Modification</b>         | Biotin  |
| <b>Length</b>               | 11AA  |
| <b>Size</b>                 | 1mg   |
| <b>Storage</b>              | -20°C   |
| <b>Recommended Solvent*</b> | Ultrapure water   |
| <b>comments</b>             | TFA salt  |

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| <b>Test Items</b>       | <b>Specifications</b>    | <b>Results</b> |
|-------------------------|--------------------------|----------------|
| <b>Molecular Weight</b> | Theoretical MW: 1786.13  | Consistent     |
| <b>HPLC purity</b>      | ≥95.0%                   | ≥95.0%         |
| <b>Appearance</b>       | 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: 02-06-2016  
Peptide Production Director

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