

**CERTIFICATE OF ANALYSIS**

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| <b>Product Name</b>         | $\alpha$ -Factor Mating Pheromone, yeast |
| <b>Cat No</b>               | RP01002                                  |
| <b>Lot No.</b>              | PE3541611                                |
| <b>Sequence</b>             | WHWLQLKPGQPMY                            |
| <b>Modification</b>         | N/A                                      |
| <b>Length</b>               | 13AA                                     |
| <b>Size</b>                 | 10mg                                     |
| <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: 1683.98  | Consistent     |
| <b>HPLC purity</b>      | $\geq 95.0\%$            | $\geq 95.0\%$  |
| <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: 12-02-2016  
Peptide Production Director

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