

**CERTIFICATE OF ANALYSIS**

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<b>Product Name</b>	[Nle <sup>4</sup> , D-Phe <sup>7</sup> ]- $\alpha$ -Melanocyte Stimulating Hormone (MSH), amide
<b>Cat No</b>	RP10658
<b>Lot No.</b>	PE5261610
<b>Sequence</b>	Ac-SYS{NLE}EH{d-PHE}RWGKPV-NH <sub>2</sub>
<b>Modification</b>	AcNH <sub>2</sub>
<b>Length</b>	14AA
<b>Size</b>	1mg
<b>Storage</b>	-20°C
<b>Recommended Solvent*</b>	Ultrapure water
<b>comments</b>	TFA salt

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Test Items	Specifications	Results
<b>Molecular Weight</b>	Theoretical MW: 1647.00	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: 10-30-2016  
Peptide Production Director

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