

# Analytical Data Sheet

Lot number

**1049460**

not for drug use

<b>Catalog Number</b>	H-3750.0025
<b>Product number</b>	4004112.0025
<b>Product</b>	<b>Characteristic MSH- Tetrapeptide</b> H- His- Phe- Arg- Trp- OH
<b>Molecular formula</b>	C <sub>32</sub> H <sub>40</sub> N <sub>10</sub> O <sub>5</sub>
<b>Relative molecular mass</b>	644.73

Tests	Results
<b>Appearance</b>	beige powder
<b>Appearance of solution</b>	clear, yellowish solution (10 mg/ml in water)
<b>TLC conditions</b>	n-butanol/acetic acid/H <sub>2</sub> O 4/2/2 n-butanol/acetic acid/H <sub>2</sub> O/pyridine 30/6/24/20 plate: silicagel 60 F <sub>254</sub> detected by: UV, ninhydrin, chlorine-tolidine
<b>Peptide content</b>	84.3%
Latest update: August 07, 2013	<b>Analytical Data Sheet</b> Lot number <b>1049460</b>