

# Analytical Data Sheet

Lot number

## 1017222

not for drug use

<b>Catalog Number</b>	H-5464.0005
<b>Product number</b>	4037061.0005
<b>Product</b>	<b>Acetyl- (Lys<sup>0</sup>, Nle<sup>3</sup>) - γ<sub>2</sub>- MSH amide</b> Ac- Lys- Tyr- Val- Nle- Gly- His- Phe- Arg- Trp- Asp- Arg- Phe- Gly- NH <sub>2</sub>
<b>Molecular formula</b>	C <sub>83</sub> H <sub>116</sub> N <sub>24</sub> O <sub>17</sub>
<b>Relative molecular mass</b>	1721.99

Tests	Results
<b>Appearance</b>	white powder
<b>Appearance of solution</b>	clear, colorless solution (1 mg/ml in 5 % acetic acid)
<b>Identification (ESI-MS)</b>	m = 1722.1 u (average mass)
<b>Purity (HPLC)</b>	96.4% (TFA) 95.6% (TEAP) 96.3% (NaClO <sub>4</sub> )
<b>Assay (elemental analysis)</b>	74.7% (Nth 19.52 %, Nfd 15.59 %)
<b>General comment</b>	product supplied as a trifluoroacetate salt
Latest update: October 24, 2008	<b>Analytical Data Sheet</b> Lot number <b>1017222</b>