

# Analytical Data Sheet

Lot number

## 1041516

not for drug use

<b>Catalog Number</b>	H-4736.0001
<b>Product number</b>	4029330.0001
<b>Product</b>	H- Cys- Thr- Thr- His- Trp- Gly- Phe- Thr- Leu- Cys- OH (Disulfide bond)
<b>Molecular formula</b>	C <sub>52</sub> H <sub>71</sub> N <sub>13</sub> O <sub>14</sub> S <sub>2</sub>
<b>Relative molecular mass</b>	1166.35

Tests	Results
<b>Appearance</b>	white powder
<b>Appearance of solution</b>	clear , colorless solution (10 mg/ml in water)
<b>Identification (ESI-MS)</b>	m = 1165.5u
<b>Amino acid analysis</b>	Thr 2.74 (3)    Leu 1.00 (1) Cys 0.73 (1)    His 0.95 (1) Phe 1.05 (1) Trp det. (1) Gly 0.97 (1)
<b>Purity (HPLC)</b>	98.6% (TFA) 98.3% (TEAP) 98.4% (NaClO <sub>4</sub> )
<b>Assay (elemental analysis)</b>	80.6% (Nth 15.61 %, Nfd 12.58 %)
<b>General comment</b>	product supplied as a trifluoroacetate salt
Latest update: March 05, 2012	