

# Analytical Data Sheet

Lot number

**1051832**

not for drug use

<b>Catalog Number</b>	<b>H-1825.0005</b>
<b>Product number</b>	<b>4030507.0005</b>
<b>Product</b>	<b>(Thr<sup>28</sup>, Nle<sup>31</sup>) - Cholecystokinin- 33 (25- 33) (sulfated)</b> H- Arg- Asp- Tyr(SO <sub>3</sub> H) - Thr- Gly- Trp- Nle- Asp- Phe- NH <sub>2</sub>
<b>Molecular formula</b>	C <sub>55</sub> H <sub>74</sub> N <sub>14</sub> O <sub>18</sub> S
<b>Relative molecular mass</b>	1251.34

Tests	Results
<b>Appearance</b>	white powder
<b>Appearance of solution</b>	clear, colorless solution (1 mg/ml in sodium hydrogen carbonate 10 %)
<b>Identification (ESI-MS)</b>	m= 1251.0u (average mass) (shoulder at 1250.4 u; Disulfide?)
<b>Purity (HPLC)</b>	98.7% (TFA) 98.2% (TEAP)
<b>Assay (elemental analysis)</b>	91.5% (Nth 15.67 %, Nfd 14.35 %)
<b>General comment</b>	This product is supplied as an ammonium acetate salt.
Latest update: January 21, 2014	<b>Analytical Data Sheet</b> Lot number <b>1051832</b>