

## Analytical Data Sheet

Lot number **1074194**  
not for drug use

**Catalog number** H-3028.0500  
**Product number** 4030432.0500  
**Product** (D- Phe<sup>6</sup>, Leu<sup>13</sup>- psi(CH<sub>2</sub>NH) p- chloro- Phe<sup>14</sup>) -  
**Bombesin (6- 14)**  
 H- D- Phe- Gln- Trp- Ala- Val- Gly- His- Leu-  
 psi(CH<sub>2</sub>NH) - p- chloro- Phe- NH<sub>2</sub>  
**Molecular formula** C<sub>56</sub>H<sub>75</sub>ClN<sub>14</sub>O<sub>9</sub>  
**Relative molecular mass** 1123.75

Tests	Results
<b>Appearance</b>	white powder
<b>Identification (FAB-MS)</b>	exhibits correct molecular ion.
<b>Amino acid analysis</b>	Glx 0.98 (1) Trp* 0.70 (1) Val 0.99 (1) Ala 1.06 (1) His 0.96 (1) Phe 1.00 (1) Gly 1.00 (1) Leu** (1)  * Partially destroyed during acid hydrolysis ** Leu present, but not quantitated
<b>Solubility</b>	soluble in water
<b>Purity (HPLC)</b>	99.3% (TEAP) 98.7% (TFA)
<b>Assay (elemental analysis)</b>	73.2% (Nth 17.45 %, Nfd 12.77 %)
<b>General comment</b>	product supplied as a trifluoroacetate salt.

Latest update: November 07, 2017

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