

Analytical Data Sheet

Lot number **1000009022**
not for drug use

Catalog number **H-3028.1000**
Product number **4030432.1000**
Product **(D- Phe⁶, Leu¹³- psi(CH₂NH) p- chloro- Phe¹⁴) -
Bombesin (6- 14)**
H- D- Phe- Gln- Trp- Ala- Val- Gly- His- Leu-
psi(CH₂NH) - p- chloro- Phe- NH₂
Molecular formula **C₅₆H₇₅ClN₁₄O₉**
Relative molecular mass **1123.75**

Tests	Results
Appearance	white powder
Identification (FAB-MS)	exhibits correct molecular ion.
Amino acid analysis	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
Solubility	soluble in water
Purity (HPLC)	99.3% (TEAP) 98.7% (TFA)
Assay (elemental analysis)	73.2% (Nth 17.45 %, Nfd 12.77 %)
General comment	product supplied as a trifluoroacetate salt.

Latest update: November 16, 2018

Analytical Data Sheet
Lot number **1000009022**