

Analytical Data Sheet

Lot number **1000001210**
not for drug use

Catalog number H-2165.0005
Product number 4011655.0005
Product (Tyr⁴) - Bombesin
Pyr- Gln- Arg- Tyr- Gly- Asn- Gln- Trp- Ala- Val- Gly-
His- Leu- Met- NH₂
Molecular formula C₇₄H₁₀₈N₂₄O₁₉S
Relative molecular mass 1669.89

Tests	Results
Appearance	white lyophilisate
Appearance of solution	clear, colorless solution (1 mg/mL in 50% acetic acid) clear, colorless solution (1 mg/mL in water)
Identification (MALDI-MS)	m = 1669.9u (average mass)
Purity (HPLC)	98.5% (TFA)
Assay (elemental analysis)	83.7% (Nth 20.13%, Nfd 16.85%)
Water content (KF volumetric)	2.5%
Trifluoroacetic acid content (HPLC)	12.8%
Mass balance	99.0% (83.7% (peptide) + 2.5% (H ₂ O) + 12.8% (TFA))
General comment	Product supplied as trifluoroacetate salt

Latest update: June 19, 2018

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