

Analytical Data Sheet

Lot number **1052690**
not for drug use

Catalog number **H-4626.1000**
Product number **4029155.1000**
Product **Polyphemusin II- Derived Peptide**
H- Arg- Arg- 2- Nal- Cys- Tyr- Arg- Lys- D- Lys- Pro-
Tyr- Arg- Cit- Cys- Arg- OH
(Disulfide bond)
Molecular formula $C_{90}H_{141}N_{33}O_{18}S_2$
Relative molecular mass 2037.45

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (10 mg/ml in water)
Identification (ESI-MS)	m = 2037.5u
Amino acid analysis	Pro* 5.15 (1) Nal n.d. (-) Tyr 2.00 (2) Arg 5.04 (5) Cys 1.11 (1) Lys 2.22 (2) * Cit detected (coelution with Pro)
Purity (HPLC)	97.3% (TFA) 98.2% (NaClO ₄)
Assay (elemental analysis)	65.2% (Nth 22.69 %, Nfd 14.79 %)
General comment	product supplied as a trifluoroacetate salt