

Analytical Data Sheet

Lot number **1000017482**
not for drug use

Catalog number H-6745.0001
Product number 4015114.0001
Product **Crustacean Cardioactive Peptide**
H- Pro- Phe- Cys- Asn- Ala- Phe- Thr- Gly- Cys- NH₂
(Disulfide bond)
Molecular formula C₄₂H₅₇N₁₁O₁₁S₂
Relative molecular mass 956.11

Tests	Results
Appearance	white powder
Identification (FAB-MS)	exhibits correct molecular ion
Amino acid analysis	Asx 1.0 (1) Cys* 2.0 (2) Thr* 1.0 (1) Phe 1.0 (2) Pro 1.1 (1) Gly 1.0 (1) Ala 1.0 (1) * may be partially destroyed during acid hydrolysis
Solubility	at least 1 mg/mL in H ₂ O
Peptide content	84.33% (± 3%)
General comment	Peptide purity: > 98%

Latest update: June 19, 2019

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