

Analytical Data Sheet

Lot number **1070050**
not for drug use

Catalog number **H-3120.0001**
Product number **4011670.0001**
Product **GRP (18- 27) (human, porcine, canine)**
H- Gly- Asn- His- Trp- Ala- Val- Gly- His- Leu- Met- NH₂
Molecular formula **C₅₀H₇₃N₁₇O₁₁S**
Relative molecular mass **1120.30**

Tests	Results
Appearance	white powder
Identification (FAB-MS)	m = 1120.2u
Identification (elemental analysis)	Theory Found C = 53.61 % C = 42.52 % H = 6.57 % H = 5.28 % N = 21.25 % N = 14.40 %
Amino acid analysis	Asx 1.04 (1) Trp det. Val 1.00 (1) Ala 1.09 (1) His 2.02 (2) Leu 1.00 (1) Gly 2.00 (2) Met 1.00 (1)
Solubility	soluble in water
Purity (HPLC)	97.8% (TFA) 97.7% (TEAP) 96.2% (NaClO ₄)
Assay (elemental analysis)	67.6%

Latest update: February 10, 2017

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