

Analytical Data Sheet

Lot number **1073388**
not for drug use

Catalog number H-1902.1000
Product number 4025114.1000
Product **GRF (1- 29) amide (rat)**
 H- His- Ala- Asp- Ala- Ile- Phe- Thr- Ser- Ser- Tyr- Arg-
 Arg- Ile- Leu- Gly- Gln- Leu- Tyr- Ala- Arg- Lys- Leu-
 Leu- His- Glu- Ile- Met- Asn- Arg- NH₂
Molecular formula C₁₅₅H₂₅₁N₄₉O₄₀S
Relative molecular mass 3473.07

Tests	Results
Appearance	white product
Amino acid analysis	Asx 2.15 (2) Ala 3.11 (3) Phe 0.91 (1) Thr 0.83 (1) Met 1.00 (1) Lys 0.68 (1) Ser 1.44 (2) Ile* 1.88 (3) His 2.03 (2) Glx 1.87 (2) Tyr 1.69 (2) Arg 3.34 (4) Gly 1.12 (1) Leu* 3.30 (4) * longer hydrolysis is needed to destroy Ile-Leu-bond
Solubility	soluble in H ₂ O
Purity (HPLC)	97.3% (TFA) 95.6% (TEAP) 99.7% (NaClO ₄)
Assay (elemental analysis)	77% (Nth 19.76 %, Nfd 15.12 %)
General comment	the product contains trifluoroacetic acid

Latest update: September 18, 2017

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