

Analytical Data Sheet

Lot number **1065396**
not for drug use

Catalog number **H-2455.0500**
Product number **4016329.0500**
Product **Tyr- CRF (human, rat)**
H- Tyr- Ser- Glu- Glu- Pro- Pro- Ile- Ser- Leu- Asp- Leu-
Thr- Phe- His- Leu- Leu- Arg- Glu- Val- Leu- Glu- Met-
Ala- Arg- Ala- Glu- Gln- Leu- Ala- Gln- Gln- Ala- His-
Ser- Asn- Arg- Lys- Leu- Met- Glu- Ile- Ile- NH₂
Molecular formula **C₂₁₇H₃₅₃N₆₁O₆₅S₂**
Relative molecular mass **4920.69**

Tests	Results
Appearance	white powder
Identification (FAB-MS)	exhibits correct molecular ion
Amino acid analysis	Asx 2.0 (2) Phe 1.0 (1) Ile 2.4 (3) Thr* 1.0 (1) Ala 4.0 (4) Leu 7.0 (7) Ser* 2.7 (3) His 2.0 (2) Lys 1.1 (1) Glx 9.1 (9) Val 0.9 (1) Arg 3.1 (3) Pro 2.0 (2) Met 1.8 (2) Tyr 1.0 (1) * may be partially destroyed during acid hydrolysis
Solubility	at least 1 mg/mL in H ₂ O
Peptide content	77.8% (± 3%)
General comment	Peptide purity: > 95%

Latest update: April 19, 2016

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