

Certificate of Analysis

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Product Name : Corticotropin-releasing factor (human)

 Cat. No.
 : PC-47489

 CAS No.
 : 86784-80-7

 Batch No.
 : PC-4748901

Chemical Name : L-Isoleucinamide, L-seryl-L-α-glutamyl-L-prolyl-L-prolyl-L-isoleucyl-L-seryl-L-

 $leucyl-L-\alpha - aspartyl-L-leucyl-L-threonyl-L-phenylalanyl-L-histidyl-L-leucyl-L-leucyl-L-arginyl-leucyl-L-reducyl-L$

 $L\text{-}\alpha\text{-}glutamyl\text{-}L\text{-}valyl\text{-}L\text{-}leucyl\text{-}L\text{-}\alpha\text{-}glutamyl\text{-}L\text{-}methionyl\text{-}L\text{-}alanyl\text{-}L\text{-}arg}$

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Weight : 4757.45

 $\begin{tabular}{ll} \textbf{Molecular Formula} & : & $C_{208}H_{344}N_{60}O_{63}S_2$ \\ \end{tabular}$

Storage : Powder -20°C 3 years

4°C 2 years

In solvent -80°C 6 months

-20°C 1 month

Chemical Structure:

Corticotropin-releasing factor (human)

ANALYTICAL DATA

Appearance : Solid powder

HNMR Spectrum : Consistent with
HPLC : Consistent with

NP : Consistent with

Purity (HPLC) : >98%

Conclusion: The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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