

Certificate of Analysis

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 Product Name
 : Thymalfasin

 Cat. No.
 : PC-47494

 CAS No.
 : 62304-98-7

 Batch No.
 : PC-4749401

Chemical Name : L-Asparagine, N-acetyl-L-seryl-L- α -aspartyl-L-alanyl-L-alanyl-L-valyl-L- α -aspartyl-L-threonyl-

 $L-seryl-L-seryl-L-\alpha-glutamyl-L-isoleucyl-L-threonyl-L-threonyl-L-lysyl-L-\alpha-aspartyl-L-leucyl-new partyl-L-isoleucyl-L-threonyl-L-lysyl-L-a-aspartyl-L-leucyl-new partyl-L-isoleucyl-L-threonyl-L-threonyl-L-lysyl-L-a-aspartyl-L-leucyl-new partyl-L-isoleucyl-L-threonyl-L-lysyl-L-a-aspartyl-L-leucyl-new partyl-L-isoleucyl-L-threonyl-L-threonyl-L-lysyl-L-a-aspartyl-L-leucyl-new partyl-L-isoleucyl-L-threonyl-L-threonyl-L-lysyl-L-a-aspartyl-L-leucyl-new partyl-L-isoleucyl-L-threonyl-L-threonyl-L-threonyl-L-lysyl-L-a-aspartyl-L-leucyl-new partyl-L-isoleucyl-new partyl-L-isoleucyl-L-threonyl-L-t$

 $L-lysyl-L-\alpha-glutamyl-L-lysyl-L-\alpha-glutamyl-L-valyl-L-$

PHYSICAL AND CHEMICAL PROPERTIES

 $\begin{array}{lll} \textbf{Molecular Weight} & \textbf{:} & 3108.275 \\ \textbf{Molecular Formula} & \textbf{:} & C_{129} H_{215} N_{33} O_{55} \\ \end{array}$

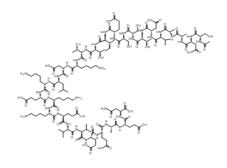
Storage : Powder -20°C 3 years

4°C 2 years

In solvent -80°C 6 months

-20°C 1 month

Chemical Structure:



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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