

Certificate of Analysis

Product Name:	TAT-14
Cat. No.:	CS-0029415
CAS No.:	1362661-34-4
Batch No.:	124760
Chemical Name:	L-Glutamine, L-tyrosylglycyl-L-arginyl-L-lysyl-L-lysyl-L-arginyl-L-arginyl-L-glutamyl-L-arginyl-L-arginyl-L-arginyl-L-leucyl-L-glutamyl-L-leucyl-L- α -aspartyl-L- α -glutamyl-L- α -glutamyl-L-threonylglycyl-L- α -glutamyl-L-phenylalanyl-L-leucyl-L-prolyl-L-isoleucyl-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	C ₁₃₇ H ₂₃₀ N ₄₈ O ₃₉
Molecular Weight:	3173.59
Storage:	-80°C, 2 years; -20°C, 1 year
Chemical Structure:	

YGRKKRRQRRRLQLDEETGEFLPIQ

ANALYTICAL DATA

Appearance:	White to off-white (Solid)
MS:	Consistent with structure
Purity (HPLC):	98.43%
Peptide Content (%):	87.80%
Nitrogen Content(N%):	18.59%
Carbon Content(C%):	48.24%
Hydrogen Content(H%):	6.817%
Conclusion:	The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. For research use only.

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