

Certificate of Analysis

Product Name:	Catestatin (TFA)
Cat. No.:	CS-0130880
Batch No.:	109621
Chemical Name:	L-Leucine, L-arginyl-L-seryl-L-methionyl-L-arginyl-L-leucyl-L-seryl-L-phenylalanyl-L-arginyl-L-alanyl-L-arginylglycyl-L-tyrosylglycyl-L-phenylalanyl-L-arginylglycyl-L-prolylglycyl-L-leucyl-L-glutamyl- (TFA)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	$C_{109}H_{174}F_3N_{37}O_{28}S$
Molecular Weight:	2539.84
Storage:	-80°C, 2 years; -20°C, 1 year (Sealed storage, away from moisture)
Chemical Structure:	

RSMRLSFRARGYGFRGPGQL (TFA salt)

ANALYTICAL DATA

Appearance:	White to off-white (Solid)
LCMS:	Consistent with structure
Purity (LCMS):	99.68%
Peptide Content (%):	73.80%
Nitrogen Content(N%):	15.79%
Carbon Content(C%):	42.83%
Hydrogen Content(H%):	6.364%
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.

Tel: 610-426-3128

Fax: 888-484-5008

E-mail: sales@ChemScene.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA