

Certificate of Analysis

Product Name:	Margatoxin
Cat. No.:	CS-0029220
CAS No.:	145808-47-5
Batch No.:	248478
Chemical Name:	L-Histidine, L-threonyl-L-isoleucyl-L-isoleucyl-L-asparaginyL-L-valyl-L-lysyl-L-cysteinyl-L-threonyl-L-seryl-L-prolyl-L-lysyl-L-glutaminyL-L-cysteinyl-L-leucyl-L-prolyl-L-prolyl-L-cysteinyl-L-lysyl-L-alanyl-L-glutaminyL-L-phenylalanylglycyl-L-glutaminyL-L-seryl-L-alanylglycyl-L-alanyl-L-lysyl-L-cysteinyl-L-methionyl-L-asparaginylglycyl-L-lysyl-L-cysteinyl-L-lysyl-L-cysteinyl-L-tyrosyl-L-prolyl-, cyclic (7→29),(13→34),(17→36)-tris(disulfide)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	C ₁₇₈ H ₂₈₆ N ₅₂ O ₅₀ S ₇
Molecular Weight:	4178.95
Storage:	-80°C, 2 years; -20°C, 1 year (Protect from light, stored under nitrogen)
Chemical Structure:	

TMWACTSPROGLPKOAGFGDAGACMBGKOCYTHDauRta 80kg Cx17-Cx20Cw13-Cx14 Cx17-Cx16

ANALYTICAL DATA

Appearance:	White to off-white (Solid)
MS:	Consistent with structure
Purity (HPLC):	97.61%
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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