

## Analytical Data Sheet

**Lot number** **1000051280**  
not for drug use

**Product** **Dendroaspis Natriuretic Peptide**  
H-Glu-Val-Lys-Tyr-Asp-Pro-Cys-Phe-Gly-His-Lys-Ile-Asp-Arg-Ile-  
Asn-His-Val-Ser-Asn-Leu-Gly-Cys-Pro-Ser-Leu-Arg-Asp-Pro-Arg-  
Pro-Asn-Ala-Pro-Ser-Thr-Ser-Ala-OH  
(Disulfide bond)

**Product number** **4033517.0500**

**Molecular formula**  $C_{180}H_{282}N_{56}O_{56}S_2$

**Relative molecular mass** 4190.69

Tests	Results
<b>Identification (MALDI-MS)</b>	m = 41906 u
<b>Amino acid analysis</b>	Asx 6.2 (6) Cys* ND (2) Glx 1.0 (1) Leu 2.1 (2) Ala 1.9 (2) His 1.9 (2) Ile 2.0 (2) Ser* 3.6 (4) Phe 1.0 (1) Gly 2.1 (2) Arg 3.1 (3) Val 1.8 (2) Thr 0.9 (1) Tyr 1.0 (1) Pro** 5.5 (5) Lys 1.9 (2)
	* partially destroyed during acid hydrolysis ** proline value high due to the incorporation of Cys.
<b>Solubility</b>	soluble in 0.1% TFA in water
<b>Purity (HPLC)</b>	> 95%
<b>Assay (AAA)</b>	70.7%
<b>Ellmans test</b>	negative