

**Product Name:** ω-Conotoxin GVIA

**Catalog No.:** 1085

**Batch No.:** 42

CAS Number: 106375-28-4

**1. PHYSICAL AND CHEMICAL PROPERTIES**

**Batch Molecular Formula:** C<sub>120</sub>H<sub>182</sub>N<sub>38</sub>O<sub>43</sub>S<sub>6</sub>  
**Batch Molecular Weight:** 3037  
**Physical Appearance:** White lyophilised solid  
**Counter Ion:** TFA  
**Solubility:** Soluble to 1 mg/ml in water  
**Storage:** Store at -20°C  
**Peptide Sequence:**  
 Cys-Lys-Ser-Hyp-Gly-Ser-Ser-Cys-Ser-Hyp-  
 Thr-Ser-Tyr-Asn-Cys-Cys-Arg-Ser-Cys-Asn-  
 Hyp-Tyr-Thr-Lys-Arg-Cys-Tyr-NH<sub>2</sub>

**2. ANALYTICAL DATA**

**HPLC:** Shows 96.8% purity  
**Mass Spectrum:** Consistent with structure

**3. AMINO ACID ANALYSIS DATA**

Amino Acid Theoretical Actual			Amino Acid Theoretical Actual		
Ala			Lys	2.00	1.93
Arg	2.00	2.01	Met		
Asx	2.00	2.06	Phe		
Cys	6.00	Detected	Pro		
Glx			Ser	6.00	5.92
Gly	1.00	1.04	Thr	2.00	1.91
His			Trp		
Ile			Tyr	3.00	3.00
Leu			Val		

Caution - Not Fully Tested • Research Use Only • Not For Human or Veterinary Use

