

## Analytical Data Sheet

Lot number **1074306**  
not for drug use

**Catalog number** H-8356.0100  
**Product number** 4106769.0100  
**Product** **Tide Fluor™ 5WS- ω- Conotoxin GVIA trifluoroacetate salt**  
 Tide Fluor™ 5WS- 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> trifluoroacetate salt  
 (Disulfide bonds between Cys<sup>1</sup> and Cys<sup>16</sup>/Cys<sup>8</sup> and Cys<sup>19</sup>/ Cys<sup>15</sup> and Cys<sup>26</sup>)  
**Molecular formula** C<sub>120</sub>H<sub>182</sub>N<sub>38</sub>O<sub>43</sub>S<sub>6</sub> + dye  
**Relative molecular mass** 3769

Tests	Results
Appearance	blue lyophilisate
Appearance of solution	clear, blue solution (0.5 mg/mL in water)
Identification (ESI-MS)	m = 3767.3u (monoisotopic mass)
Purity (HPLC)	73.6% (TFA)
Assay (elemental analysis)	86.0% (Nth: 14.86% Nfd: 12.78%)

Latest update: November 10, 2017

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