

Analytical Data Sheet

Lot number **1053630**
not for drug use

Catalog number H-9595.0100
Product number 4030492.0100
Product **Charybdotoxin**
 Pyr- Phe- Thr- Asn- Val- Ser- Cys- Thr- Thr- Ser- Lys-
 Glu- Cys- Trp- Ser- Val- Cys- Gln- Arg- Leu- His- Asn-
 Thr- Ser- Arg- Gly- Lys- Cys- Met- Asn- Lys- Lys- Cys-
 Arg- Cys- Tyr- Ser- OH
 (Disulfide bonds between Cys⁷ and Cys²⁸/Cys¹³ and
 Cys³³/Cys¹⁷ and Cys³⁵)
Molecular formula C₁₇₆H₂₇₇N₅₇O₅₅S₇
Relative molecular mass 4295.95

Tests	Results
Appearance	white powder
Amino acid analysis	Asx 3.0 (3) Thr 3.5 (4) Ser 4.4 (5) Glx 3.2 (3) Gly 0.9 (1) Cys 4.2 (6) Val 1.8 (2) Met 0.4 (1) Leu 1.1 (1) Tyr 1.0 (1) Phe 1.0 (1) Trp ND (1) Lys 3.9 (4) His 0.9 (1) Arg 2.9 (3)
Solubility	at least 1mg/mL in H ₂ O
Purity (HPLC)	> 97% (by reverse phase HPLC)
Peptide content	80%
General comment	Mass Analysis: as expected
General comment	product supplied as a trifluoroacetate salt

Latest update: May 21, 2014

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