

Analytical Data Sheet

Lot number **1072855**
not for drug use

Catalog number **H-9015.1000**

Product number **4016344.1000**

Product **μ-Conotoxin GIIB**
H- Arg- Asp- Cys- Cys- Thr- Hyp- Hyp- Arg- Lys- Cys-
Lys- Asp- Arg- Arg- Cys- Lys- Hyp- Met- Lys- Cys- Cys-
Ala- NH₂
(Disulfide bonds between Cys³ and Cys¹⁵/Cys⁴ and
Cys²⁰/Cys¹⁰ and Cys²¹)

Molecular formula **C₁₀₁H₁₇₅N₃₉O₃₀S₇**

Relative molecular mass **2640.21**

| Tests | Results |
|----------------------------|--|
| Appearance | white lyophilisate |
| Appearance of solution | clear, colorless solution (1 mg/mL in water) |
| Identification (MALDI-MS) | m= 2640.2u (avarage mass) |
| Purity (HPLC) | 97.2% (TFA) |
| Assay (elemental analysis) | 68.7% (Nth 20.69%, Nfd 14.21%) |
| General comment | Product supplied as trifluoroacetate salt |

Latest update: August 02, 2017

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