

Analytical Data Sheet

Lot number **1064018**
not for drug use

Catalog number **H-9445.0025**
Product number **4013767.0025**
Product **Mastoparan X**
H- Ile- Asn- Trp- Lys- Gly- Ile- Ala- Ala- Met- Ala- Lys-
Lys- Leu- Leu- NH₂
Molecular formula **C₇₃H₁₂₆N₂₀O₁₅S**
Relative molecular mass **1556.00**

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (10 mg/ml in water)
Identification (ESI-MS)	m = 1556.0u
Amino acid analysis	Asx 0.59 (1) Met 1.10 (1) Ala 3.23 (3) Leu 2.00 (2) Ile 1.91 (2) Trp 0.77 (1) Lys 2.96 (3) Gly 1.02 (1)
Purity (HPLC)	97.8% (TFA) 97.3% (TEAP) 96.0% (NaClO ₄)
Assay (elemental analysis)	73.7% (Nth 18.00 %, Nfd 13.27 %)
General comment	product supplied as a trifluoroacetate salt

Latest update: January 26, 2016

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