

Analytical Data Sheet

Lot number **1000014458**
not for drug use

Catalog number H-1294.1000
Product number 4018008.1000
Product **Dermaseptin**
 H- Ala- Leu- Trp- Lys- Thr- Met- Leu- Lys- Lys- Leu-
 Gly- Thr- Met- Ala- Leu- His- Ala- Gly- Lys- Ala- Ala-
 Leu- Gly- Ala- Ala- Ala- Asp- Thr- Ile- Ser- Gln- Gly- Thr-
 Gln- OH
Molecular formula C₁₅₂H₂₅₇N₄₃O₄₄S₂
Relative molecular mass 3455.11

| Tests | Results |
|-----------------------------------|---|
| Appearance | white powder |
| Identification (FAB-MS) | [M + H] ⁺ : m/z = 3454 u |
| Amino acid analysis | Asx 1.01 (1) Ala 8.24 (8) Glx 1.92 (2) Gly 3.66 (4) His 0.95 (1) Ile 0.85 (1) Leu 5.00 (5) Ser 0.78 (1) Trp det. Met 1.77 (2) Thr 3.51 (4) Lys 3.79 (4) |
| Solubility | soluble in water |
| Purity (HPLC) | 99.8% (TFA) 100.0% (TEAP) 99.5% (NaClO ₄) |
| Assay (elemental analysis) | 77% (Nth 17.42 %, Nfd 13.36 %) |

Latest update: April 04, 2019

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