

Analytical Data Sheet

Lot number

1016996

not for drug use

Catalog Number

H-1294.0500

Product number

4018008.0500

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

$C_{152}H_{257}N_{43}O_{44}S_2$

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: November 04, 2008	Analytical Data Sheet Lot number 1016996