

Analytical Data Sheet

Lot number

1019221

not for drug use

Catalog Number

H-9005.1000

Product number

4025474.1000

Product

Defensin HNP- 2 (human) trifluoroacetate salt
 H- Cys- Tyr- Cys- Arg- Ile- Pro- Ala- Cys- Ile- Ala-
 Gly- Glu- Arg- Arg- Tyr- Gly- Thr- Cys- Ile- Tyr- Gln-
 Gly- Arg- Leu- Trp- Ala- Phe- Cys- Cys- OH
 trifluoroacetate salt
 (Disulfide bonds between Cys¹ and Cys²⁹/Cys³ and
 Cys¹⁸/Cys⁸ and Cys²⁸)

Molecular formula

C₁₄₇H₂₁₇N₄₃O₃₇S₆

Relative molecular mass

3371.00

Tests	Results	
Appearance	white lyophilisate	
Appearance of solution	clear, colorless solution (1 mg/ml in water)	
Identification (ESI-MS)	m = 3371.0u (average mass)	
Purity (HPLC)	94.7% (TFA) 96.0% (TEAP)	
Assay (elemental analysis)	77.8% (Nth 17.87 %, Nfd 13.91 %)	
Latest update: October 09, 2008		Analytical Data Sheet Lot number 1019221