

Analytical Data Sheet

Lot number **1073073**
not for drug use

Catalog number H-8338.1000
Product number 4050175.1000
Product **HIV- 2 Peptide acetate salt**
 H- Lys- Asp- Gln- Ala- Gln- Leu- Asn- Ser- Trp- Gly-
 Cys- Ala- Phe- Arg- Gln- Val- Cys- His- Thr- OH acetate
 salt
 (Disulfide bond)
Molecular formula C₉₃H₁₄₀N₃₀O₂₈S₂
Relative molecular mass 2190.45

Tests	Results
Appearance	white lyophilized powder
Amino acid analysis	Asp 1.9(2) Ala 2.0(2) His 1.0(1) Thr 1.0(1) Cys 1.7(2) Lys 1.0(1) Ser 0.9(1) Val 1.0(1) Arg 1.0(1) Glu 3.1(3) Leu 1.0(1) Trp 0.8(1) Gly 1.0(1) Phe 1.0(1) NH ₃ 3.8(4)
Peptide content	85.6%
General comment	8.31%
General comment	Salt form: Acetate
General comment	Mass spectral analysis by electrospray: 2190.1u (average mass)
General comment	Peptide purity by HPLC: 98.8% (TFA System) 97.5% (NaH ₂ PO ₄ System)
General comment	Sequencing: Consistent with expected sequence

Latest update: September 18, 2017

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