

# Analytical Data Sheet

Lot number

**1028775**

not for drug use

<b>Catalog Number</b>	<b>H-2220.0025</b>
<b>Product number</b>	<b>4006025.0025</b>
<b>Product</b>	<b>A- VI- 5 acetate salt</b> H- Val- Glu- Ser- Ser- Lys- OH acetate salt
<b>Molecular formula</b>	$C_{22}H_{40}N_6O_{10}$
<b>Relative molecular mass</b>	548.59

Tests	Results								
<b>Appearance</b>	yellowish powder								
<b>Appearance of solution</b>	clear, colorless solution (50 mg/ml in water)								
<b>Identification (elemental analysis)</b>	<table border="0"> <tr> <td>Theory</td> <td>Found</td> </tr> <tr> <td>C = 44.89 %</td> <td>C = 44.68 %</td> </tr> <tr> <td>H = 7.39 %</td> <td>H = 7.41 %</td> </tr> <tr> <td>N = 12.08 %</td> <td>N = 11.97 %</td> </tr> </table> <p>calc. as x 2 AcOH x 1.5 H<sub>2</sub>O</p>	Theory	Found	C = 44.89 %	C = 44.68 %	H = 7.39 %	H = 7.41 %	N = 12.08 %	N = 11.97 %
Theory	Found								
C = 44.89 %	C = 44.68 %								
H = 7.39 %	H = 7.41 %								
N = 12.08 %	N = 11.97 %								
<b>TLC conditions</b>	n-butanol/acetic acid/H <sub>2</sub> O 4/2/2 methanol/chloroform/ammonia 17% 2/2/1 isopropanol/ammonia conc. 1/1 plate: silicagel 60 F <sub>254</sub> detected by: ninhydrin, chlorine-tolidine								
<b>Water content (KF volumetric)</b>	3.7%								
<b>Peptide content</b>	78%								
Latest update: January 25, 2010	<b>Analytical Data Sheet</b> Lot number <b>1028775</b>								