

# Analytical Data Sheet

Lot number

## 1023388

not for drug use

<b>Catalog Number</b>	C-3280.1000
<b>Product number</b>	4013373.1000
<b>Product</b>	Z- Phe- Leu- Ala- OH
<b>Molecular formula</b>	C <sub>26</sub> H <sub>33</sub> N <sub>3</sub> O <sub>6</sub>
<b>Relative molecular mass</b>	483.57

Tests	Results								
<b>Appearance</b>	white product								
<b>Appearance of solution</b>	clear, colorless solution (50 mg/ml in methanol)								
<b>Identification (elemental analysis)</b>	<table border="0"> <tr> <td>Theory</td> <td>Found</td> </tr> <tr> <td>C = 64.10 %</td> <td>C = 63.97 %</td> </tr> <tr> <td>H = 6.91 %</td> <td>H = 7.20 %</td> </tr> <tr> <td>N = 8.63 %</td> <td>N = 8.71 %</td> </tr> </table> <p>calc. as 0.2 H<sub>2</sub>O (0.7 %)</p>	Theory	Found	C = 64.10 %	C = 63.97 %	H = 6.91 %	H = 7.20 %	N = 8.63 %	N = 8.71 %
Theory	Found								
C = 64.10 %	C = 63.97 %								
H = 6.91 %	H = 7.20 %								
N = 8.63 %	N = 8.71 %								
<b>Identification (TLC)</b>	complies with authentic material								
<b>Melting point</b>	173 °C								
<b>Purity (TLC)</b>	> 99%								
<b>TLC conditions</b>	chloroform/methanol/acetic acid 90/8/2 benzene/dioxane/acetic acid 95/25/4 chloroform/methanol/benzene/H <sub>2</sub> O 8/8/8/1 plate: silicagel 60 F <sub>254</sub> detected by: UV, chlorine-tolidine								
<b>Water content (KF volumetric)</b>	0.5%								
Latest update: April 15, 2009									