

# Analytical Data Sheet

Lot number

**1009966**

not for drug use

<b>Catalog Number</b>	C-3205.1000
<b>Product number</b>	4012146.1000
<b>Product</b>	Z- Pro- Leu- Gly- NHOH
<b>Molecular formula</b>	C <sub>21</sub> H <sub>30</sub> N <sub>4</sub> O <sub>6</sub>
<b>Relative molecular mass</b>	434.49

Tests	Results
<b>Appearance</b>	white powder
<b>Appearance of solution</b>	clear, colorless solution (50 mg/ml in 50% AcOH)
<b>Identification (TLC)</b>	complies with authentic material
<b>Purity (TLC)</b>	> 99%
<b>TLC conditions</b>	chloroform/methanol/acetic acid/H <sub>2</sub> O 90/10/0.5/1 chloroform/methanol/acetic acid/H <sub>2</sub> O 45/13/1/2 plate: silicagel 60 F <sub>254</sub> detected by: UV, ninhydrin, chlorine-tolidine
<b>Assay (elemental analysis)</b>	94.6% (Nth 12.89 %, Nfd 12.20 %)
<b>Water content (KF volumetric)</b>	3.4%
Latest update: October 24, 2008	

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