

# Analytical Data Sheet

Lot number

**1029894**

not for drug use

<b>Catalog Number</b>	G-1040.0001
<b>Product number</b>	4002902.0001
<b>Product</b>	Ac- Leu- Gly- OH
<b>Molecular formula</b>	C <sub>10</sub> H <sub>18</sub> N <sub>2</sub> O <sub>4</sub>
<b>Relative molecular mass</b>	230.26

Tests	Results								
<b>Appearance</b>	white powder								
<b>Appearance of solution</b>	clear, colorless solution (50 mg/ml in MeOH)								
<b>Identification (elemental analysis)</b>	<table border="0"> <tr> <td>Theory</td> <td>Found</td> </tr> <tr> <td>C = 52.2 %</td> <td>C = 52.3 %</td> </tr> <tr> <td>H = 7.9 %</td> <td>H = 8.1 %</td> </tr> <tr> <td>N = 12.2 %</td> <td>N = 12.1 %</td> </tr> </table>	Theory	Found	C = 52.2 %	C = 52.3 %	H = 7.9 %	H = 8.1 %	N = 12.2 %	N = 12.1 %
Theory	Found								
C = 52.2 %	C = 52.3 %								
H = 7.9 %	H = 8.1 %								
N = 12.2 %	N = 12.1 %								
<b>Identification (TLC)</b>	complies with authentic material								
<b>Melting point</b>	195 °C								
<b>Purity (TLC)</b>	> 99%								
<b>TLC conditions</b>	n-butanol/acetic acid/H <sub>2</sub> O 4/2/2 chloroform/methanol/acetic acid 32% 5/3/1 plate: silicagel 60 F <sub>254</sub> detected by: UV, ninhydrin, TMB								
Latest update: March 22, 2010	<b>Analytical Data Sheet</b> Lot number 1029894								