

# Analytical Data Sheet

Lot number

**1029851**

not for drug use

<b>Catalog Number</b>	G-4045.1000
<b>Product number</b>	4015620.1000
<b>Product</b>	H- Ile- Glu- OH
<b>Molecular formula</b>	C <sub>11</sub> H <sub>20</sub> N <sub>2</sub> O <sub>5</sub>
<b>Relative molecular mass</b>	260.29

Tests	Results								
<b>Appearance</b>	white powder								
<b>Appearance of solution</b>	clear, colorless solution (5 % in acetic acid 80%)								
<b>Identification (elemental analysis)</b>	<table border="0"> <tr> <td>Theory</td> <td>Found</td> </tr> <tr> <td>C = 50.76 %</td> <td>C = 50.46 %</td> </tr> <tr> <td>H = 7.74 %</td> <td>H = 7.73 %</td> </tr> <tr> <td>N = 10.76 %</td> <td>N = 10.64 %</td> </tr> </table>	Theory	Found	C = 50.76 %	C = 50.46 %	H = 7.74 %	H = 7.73 %	N = 10.76 %	N = 10.64 %
Theory	Found								
C = 50.76 %	C = 50.46 %								
H = 7.74 %	H = 7.73 %								
N = 10.76 %	N = 10.64 %								
<b>Purity (TLC)</b>	> 99%								
<b>TLC conditions</b>	n-Butanol/acetic acid/H <sub>2</sub> O 4/2/2 Ethylacetate/pyridine/acetic acid/H <sub>2</sub> O 60/60/12/36 Methanol/chloroform/ammonia 17% 2/2/1 Detected: UV, ninhydrin, chlorine-tolidine								
Latest update: March 18, 2010									

**Analytical Data Sheet**  
Lot number **1029851**