

# Analytical Data Sheet

Lot number

**1016401**

not for drug use

<b>Catalog Number</b>	G-1600.1000
<b>Product number</b>	4008958.1000
<b>Product</b>	H- Asp(Leu- OH) - OH
<b>Molecular formula</b>	C <sub>10</sub> H <sub>18</sub> N <sub>2</sub> O <sub>5</sub>
<b>Relative molecular mass</b>	246.26

Tests	Results								
<b>Appearance</b>	white product								
<b>Appearance of solution</b>	clear, colorless solution (10 mg/ml in H <sub>2</sub> O)								
<b>Identification (elemental analysis)</b>	<table border="0"> <tr> <td>Theory</td> <td>Found</td> </tr> <tr> <td>C = 48.77 %</td> <td>C = 48.48 %</td> </tr> <tr> <td>H = 7.37 %</td> <td>H = 7.35 %</td> </tr> <tr> <td>N = 11.38 %</td> <td>N = 11.24 %</td> </tr> </table>	Theory	Found	C = 48.77 %	C = 48.48 %	H = 7.37 %	H = 7.35 %	N = 11.38 %	N = 11.24 %
Theory	Found								
C = 48.77 %	C = 48.48 %								
H = 7.37 %	H = 7.35 %								
N = 11.38 %	N = 11.24 %								
<b>Identification (TLC)</b>	complies with authentic material								
<b>Specific optical rotation</b>	[α] <sub>D</sub> <sup>24</sup> = - 26.8 ° (1 % in H <sub>2</sub> O)								
<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, chlorine-tolidine								
Latest update: October 24, 2008									

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