

# Analytical Data Sheet

Lot number

## 1029931

not for drug use

<b>Catalog Number</b>	F-3705.0001
<b>Product number</b>	4014176.0001
<b>Product</b>	H- $\beta$ - (3- Pyridyl) - DL- Ala- OH
<b>Molecular formula</b>	C <sub>8</sub> H <sub>10</sub> N <sub>2</sub> O <sub>2</sub>
<b>Relative molecular mass</b>	166.18

Tests	Results								
<b>Appearance</b>	White powder								
<b>Appearance of solution</b>	clear, colorless solution (50 mg/ml in AcOH 80 %)								
<b>Identification (elemental analysis)</b>	<table border="0"> <tr> <td>Theory</td> <td>Found</td> </tr> <tr> <td>C = 57.82 %</td> <td>C = 57.82 %</td> </tr> <tr> <td>H = 6.07 %</td> <td>H = 6.04 %</td> </tr> <tr> <td>N = 16.86 %</td> <td>N = 16.96 %</td> </tr> </table>	Theory	Found	C = 57.82 %	C = 57.82 %	H = 6.07 %	H = 6.04 %	N = 16.86 %	N = 16.96 %
Theory	Found								
C = 57.82 %	C = 57.82 %								
H = 6.07 %	H = 6.04 %								
N = 16.86 %	N = 16.96 %								
<b>Identification (TLC)</b>	Complies with authentic material								
<b>Purity (TLC)</b>	> 99%								
<b>TLC conditions</b>	n-Butanol/acetic acid/H <sub>2</sub> O 4/2/2 Methanol/chloroform/ammonia 17% 2/2/1 Ethylacetate/pyridine/acetic acid/H <sub>2</sub> O 60/60/12/36 Plate: silicagel 60 F <sub>254</sub> Detected by: UV, ninhydrin, chlorine-tolidine								
Latest update: March 22, 2010									

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