

# Analytical Data Sheet

Lot number

## 1022483

not for drug use

<b>Catalog Number</b>	<b>A-2560.1000</b>
<b>Product number</b>	<b>4014184.1000</b>
<b>Product</b>	<b>Boc- His(1- Me) - OH</b>
<b>Molecular formula</b>	$C_{12}H_{19}N_3O_4$
<b>Relative molecular mass</b>	269.30

Tests	Results								
<b>Appearance</b>	white powder								
<b>Appearance of solution</b>	clear, colorless solution (50 mg/ml in water)								
<b>Identification (elemental analysis)</b>	<table border="0"> <tr> <td>Theory</td> <td>Found</td> </tr> <tr> <td>C = 53.5 %</td> <td>C = 53.5 %</td> </tr> <tr> <td>H = 7.1 %</td> <td>H = 7.3 %</td> </tr> <tr> <td>N = 15.6 %</td> <td>N = 15.5 %</td> </tr> </table>	Theory	Found	C = 53.5 %	C = 53.5 %	H = 7.1 %	H = 7.3 %	N = 15.6 %	N = 15.5 %
Theory	Found								
C = 53.5 %	C = 53.5 %								
H = 7.1 %	H = 7.3 %								
N = 15.6 %	N = 15.5 %								
<b>Identification (TLC)</b>	complies with authentic material								
<b>Purity (TLC)</b>	98 %								
<b>TLC conditions</b>	n-butanol/acetic acid/H <sub>2</sub> O 4/2/2 chloroform/methanol/acetic acid 32% 5/3/1 chloroform/methanol/acetic acid/H <sub>2</sub> O 70/42/0.5/10 plate: silicagel 60 F <sub>254</sub> detected by: UV, ninhydrin, chlorine-tolidine								
Latest update: February 25, 2009	<b>Analytical Data Sheet</b> Lot number <b>1022483</b>								