

# Analytical Data Sheet

Lot number

## 1012125

not for drug use

<b>Catalog Number</b>	<b>A-1190.0005</b>
<b>Product number</b>	<b>4009210.0005</b>
<b>Product</b>	<b>Boc- Homophe- OH</b>
<b>Molecular formula</b>	$C_{15}H_{21}NO_4$
<b>Relative molecular mass</b>	279.34

Tests	Results								
<b>Appearance</b>	white powder								
<b>Appearance of solution</b>	clear, colorless solution (50 mg/ml in methanol)								
<b>Identification (elemental analysis)</b>	<table border="0"> <tr> <td>Theory</td> <td>Found</td> </tr> <tr> <td>C = 64.5 %</td> <td>C = 64.3 %</td> </tr> <tr> <td>H = 7.6 %</td> <td>H = 7.6 %</td> </tr> <tr> <td>N = 5.0 %</td> <td>N = 5.0 %</td> </tr> </table>	Theory	Found	C = 64.5 %	C = 64.3 %	H = 7.6 %	H = 7.6 %	N = 5.0 %	N = 5.0 %
Theory	Found								
C = 64.5 %	C = 64.3 %								
H = 7.6 %	H = 7.6 %								
N = 5.0 %	N = 5.0 %								
<b>Identification (TLC)</b>	complies with authentic material								
<b>Melting point</b>	79 °C								
<b>Purity (TLC)</b>	> 99%								
<b>TLC conditions</b>	chloroform/methanol/toluene/H <sub>2</sub> O 8/8/8/1 chloroform/methanol/acetic acid 90/8/2 plate: silicagel 60 F <sub>254</sub> detected by: UV, ninhydrin, chlorine-tolidine								
<b>Assay (elemental analysis)</b>	99.7% (Cth 64.50 %, Cfd 64.31 %)								
Latest update: October 24, 2008	<b>Analytical Data Sheet</b> Lot number <b>1012125</b>								