

# Analytical Data Sheet

Lot number

## 1039040

not for drug use

<b>Catalog Number</b>	<b>A-4690.0001</b>
<b>Product number</b>	<b>4038654.0001</b>
<b>Product</b>	<b>Boc- N- Me- DL- Phg- OH</b>
<b>Molecular formula</b>	$C_{14}H_{19}NO_4$
<b>Relative molecular mass</b>	265.31

Tests	Results								
<b>Appearance</b>	white powder								
<b>Appearance of solution</b>	clear, colorless solution (50 mg/ml in methanol)								
<b>Identification (ESI-MS)</b>	m = 265.1 u (average mass)								
<b>Identification (elemental analysis)</b>	<table border="0"> <tr> <td>Theory</td> <td>Found</td> </tr> <tr> <td>C = 63.4 %</td> <td>C = 63.2 %</td> </tr> <tr> <td>H = 7.2 %</td> <td>H = 7.3 %</td> </tr> <tr> <td>N = 5.3 %</td> <td>N = 5.2 %</td> </tr> </table>	Theory	Found	C = 63.4 %	C = 63.2 %	H = 7.2 %	H = 7.3 %	N = 5.3 %	N = 5.2 %
Theory	Found								
C = 63.4 %	C = 63.2 %								
H = 7.2 %	H = 7.3 %								
N = 5.3 %	N = 5.2 %								
<b>Identification (TLC)</b>	complies with authentic material								
<b>Melting point</b>	125 °C								
<b>Purity (TLC)</b>	> 99%								
<b>TLC conditions</b>	benzene/dioxane/acetic acid 95/25/4 chloroform/ethylacetate/acetic acid 50/50/2 chloroform/methanol/acetic acid 90/8/2 plate: silicagel 60 F <sub>254</sub> detected by: UV, ninhydrin, chlorine-tolidine								
<b>Assay (titration)</b>	101.2% (TBAH)								
Latest update: October 12, 2011	<b>Analytical Data Sheet</b> Lot number <b>1039040</b>								