

# Analytical Data Sheet

Lot number

**1025705**

not for drug use

<b>Catalog Number</b>	<b>A-2200.0100</b>
<b>Product number</b>	<b>4007828.0100</b>
<b>Product</b>	<b>Boc- Phe- Leu- Phe- Leu- Phe- OH</b>
<b>Molecular formula</b>	$C_{44}H_{59}N_5O_8$
<b>Relative molecular mass</b>	785.98

Tests	Results
<b>Appearance</b>	white powder
<b>Appearance of solution</b>	clear, colorless solution (25 mg/mL in dimethylformamide)
<b>Identification (ESI-MS)</b>	m = 786.0 u (average mass)
<b>Identification (TLC)</b>	complies with authentic material
<b>Purity (HPLC)</b>	98.4% (TFA)
<b>Purity (TLC)</b>	> 99%
<b>TLC conditions</b>	chloroform/methanol/acetic acid 90/8/2 chloroform/methanol/acetic acid 77.5/15/7.5 chloroform/methanol/acetic acid/H <sub>2</sub> O 90/10/0.5/1 plate: silicagel 60 F <sub>254</sub> detected by: UV, ninhydrin, chlorine-tolidine
<b>Assay (elemental analysis)</b>	97.5% (Nth 8.91%, Nfd 8.69%)
Latest update: August 04, 2009	<b>Analytical Data Sheet</b> Lot number <b>1025705</b>