

# Analytical Data Sheet

Lot number

## 1025543

not for drug use

Catalog Number	K-1285.0250
Product number	4012203.0250
Product	Z- Leu- Leu- Glu- βNA
Molecular formula	C <sub>35</sub> H <sub>44</sub> N <sub>4</sub> O <sub>7</sub>
Relative molecular mass	632.86

Tests	Results								
Appearance	white product								
Appearance of solution	clear, colorless solution (25 mg/ml in tetrahydrofuran)								
Identification (IR)	conforms with the reference								
Identification (elemental analysis)	<table border="0"> <tr> <td>Theory</td> <td>Found</td> </tr> <tr> <td>C = 66.44 %</td> <td>C = 66.17 %</td> </tr> <tr> <td>H = 7.01 %</td> <td>H = 7.14 %</td> </tr> <tr> <td>N = 8.85 %</td> <td>N = 8.88 %</td> </tr> </table> <p>Calc. as 0.2 H<sub>2</sub>O (0.6 %)</p>	Theory	Found	C = 66.44 %	C = 66.17 %	H = 7.01 %	H = 7.14 %	N = 8.85 %	N = 8.88 %
Theory	Found								
C = 66.44 %	C = 66.17 %								
H = 7.01 %	H = 7.14 %								
N = 8.85 %	N = 8.88 %								
Identification (TLC)	Complies with authentic material								
Purity (TLC)	> 99%								
TLC conditions	chloroform/methanol/acetic acid 90/8/2 chloroform/methanol/acetic acid/H <sub>2</sub> O 85/13/0.5/1.5 plate: silicagel 60 F <sub>254</sub> detected by: UV, ninhydrin, TMB								
Water content (KF volumetric)	1.2%								
Latest update: July 29, 2009									