

Analytical Data Sheet

Lot number

1012077

not for drug use

Catalog Number	K-1335.1000
Product number	4000551.1000
Product	H- Gly- Pro- βNA
Molecular formula	C ₁₇ H ₁₉ N ₃ O ₂
Relative molecular mass	297.36

Tests	Results								
Appearance	off-white powder								
Appearance of solution	clear, colorless solution (50 mg/ml in MeOH)								
Identification (elemental analysis)	<table border="0"> <tr> <td>Theory</td> <td>Found</td> </tr> <tr> <td>C = 67.9 %</td> <td>C = 68.1 %</td> </tr> <tr> <td>H = 6.5 %</td> <td>H = 6.4 %</td> </tr> <tr> <td>N = 14.00 %</td> <td>N = 14.1 %</td> </tr> </table>	Theory	Found	C = 67.9 %	C = 68.1 %	H = 6.5 %	H = 6.4 %	N = 14.00 %	N = 14.1 %
Theory	Found								
C = 67.9 %	C = 68.1 %								
H = 6.5 %	H = 6.4 %								
N = 14.00 %	N = 14.1 %								
Identification (TLC)	complies with authentic material								
Melting point	145 °C								
Purity (TLC)	> 98%								
TLC conditions	chloroform/methanol/acetic acid/H ₂ O 70/42/0.5/10 chloroform/methanol/acetic acid/H ₂ O 45/13/1/2 plate: silicagel 60 F ₂₅₄ detected: UV, ninhydrin, chlorine-tolidine								
Water content (KF volumetric)	1.1%								
Latest update: October 24, 2008	Analytical Data Sheet Lot number 1012077								