

# Analytical Data Sheet

Lot number

## 1021593

not for drug use

Catalog Number	H-3605.0250
Product number	4004752.0250
Product	H- Gly- Phe- Phe- OH
Molecular formula	C <sub>20</sub> H <sub>23</sub> N <sub>3</sub> O <sub>4</sub>
Relative molecular mass	369.42

Tests	Results								
Appearance	white powder								
Appearance of solution	clear, colorless solution (50 mg/ml in acetic acid 40 %)								
Identification (elemental analysis)	<table border="0"> <tr> <td>Theory</td> <td>Found</td> </tr> <tr> <td>C = 63.48 %</td> <td>C = 63.23 %</td> </tr> <tr> <td>H = 6.39 %</td> <td>H = 6.24 %</td> </tr> <tr> <td>N = 11.10 %</td> <td>N = 11.05 %</td> </tr> </table> calc. as 0.5 H <sub>2</sub> O (2.38 %)	Theory	Found	C = 63.48 %	C = 63.23 %	H = 6.39 %	H = 6.24 %	N = 11.10 %	N = 11.05 %
Theory	Found								
C = 63.48 %	C = 63.23 %								
H = 6.39 %	H = 6.24 %								
N = 11.10 %	N = 11.05 %								
Identification (TLC)	complies with authentic material								
Purity (TLC)	> 99%								
TLC conditions	chloroform/methanol/acetic acid 32% 5/3/1 n-butanol/acetic acid/H <sub>2</sub> O 4/2/2 plate: silicagel 60 F <sub>254</sub> detected by: UV, ninhydrin, chlorine-tolidine, TMB								
Water content (KF volumetric)	2.1%								
Latest update: January 15, 2009									