

Analytical Data Sheet

Lot number

1048968

not for drug use

Catalog Number	H-2960.0005
Product number	4008928.0005
Product	H- Gly- Arg- Gly- Asp- OH
Molecular formula	C ₁₄ H ₂₅ N ₇ O ₇
Relative molecular mass	403.40

Tests	Results								
Appearance	white powder								
Identification (elemental analysis)	<table border="0"> <tr> <td>Theory</td> <td>Found</td> </tr> <tr> <td>C = 41.68 %</td> <td>C = 37.54 %</td> </tr> <tr> <td>H = 6.25 %</td> <td>H = 6.78 %</td> </tr> <tr> <td>N = 20.31 %</td> <td>N = 40.78 %</td> </tr> </table>	Theory	Found	C = 41.68 %	C = 37.54 %	H = 6.25 %	H = 6.78 %	N = 20.31 %	N = 40.78 %
Theory	Found								
C = 41.68 %	C = 37.54 %								
H = 6.25 %	H = 6.78 %								
N = 20.31 %	N = 40.78 %								
Purity (TLC)	> 99%								
TLC conditions	n-butanol/acetic acid/H ₂ O 4/2/2 isopropanol/ammonia conc. 1/1 methanol/chloroform/ammonia 17% 2/2/1 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, chlorine-tolidine								
Water content (KF volumetric)	7.1%								
Peptide content	85.5%								
Latest update: July 08, 2013	Analytical Data Sheet Lot number 1048968								