

Analytical Data Sheet

Lot number

0569397

not for drug use

Catalog Number	H-1595.1000
Product number	4000510.1000
Product	H- Ala- Pro- Ala- OH
Molecular formula	C ₁₁ H ₁₉ N ₃ O ₄
Relative molecular mass	257.29

Tests	Results								
Appearance	white powder								
Appearance of solution	clear, colorless solution (50 mg/ml in water)								
Identification (elemental analysis)	<table border="0"> <tr> <td>Theory</td> <td>Found</td> </tr> <tr> <td>C = 47.5 %</td> <td>C = 47.3 %</td> </tr> <tr> <td>H = 7.7 %</td> <td>H = 7.4 %</td> </tr> <tr> <td>N = 15.1 %</td> <td>N = 15.0 %</td> </tr> </table>	Theory	Found	C = 47.5 %	C = 47.3 %	H = 7.7 %	H = 7.4 %	N = 15.1 %	N = 15.0 %
Theory	Found								
C = 47.5 %	C = 47.3 %								
H = 7.7 %	H = 7.4 %								
N = 15.1 %	N = 15.0 %								
Purity (TLC)	95 %								
TLC conditions	n-butanol/acetic acid/H ₂ O 4/2/2 chloroform/methanol/acetic acid 32% 5/3/1 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, TMB								
Assay (elemental analysis)	91.9% (Nth 16.32 %, Nfd 15.00 %)								
Water content (KF volumetric)	6.3%								
Latest update: October 25, 2008	Analytical Data Sheet Lot number 0569397								