

Analytical Data Sheet

Lot number

1015168

not for drug use

Catalog Number	C-1535.0005
Product number	4014020.0005
Product	Z- dehydro- Ala- OH
Molecular formula	C ₁₁ H ₁₁ NO ₄
Relative molecular mass	221.21

Tests	Results								
Appearance	white crystals								
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 = 59.7 %</td> <td>C = 59.7 %</td> </tr> <tr> <td>H = 5.0 %</td> <td>H = 4.9 %</td> </tr> <tr> <td>N = 6.3 %</td> <td>N = 6.4 %</td> </tr> </table>	Theory	Found	C = 59.7 %	C = 59.7 %	H = 5.0 %	H = 4.9 %	N = 6.3 %	N = 6.4 %
Theory	Found								
C = 59.7 %	C = 59.7 %								
H = 5.0 %	H = 4.9 %								
N = 6.3 %	N = 6.4 %								
Identification (TLC)	complies with authentic material								
Purity (HPLC)	95.1 % (TEAP)								
TLC conditions	benzene/dioxane/acetic acid 95/25/4 chloroform/methanol/acetic acid 90/8/2 chloroform/methanol/benzene/H ₂ O 8/8/8/1 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, chlorine-tolidine								
Latest update: October 24, 2008									