

Analytical Data Sheet

Lot number

1047865

not for drug use

Catalog Number	C-1220.0005
Product number	4002176.0005
Product	Z- Ala- Ser- OMe
Molecular formula	C ₁₅ H ₂₀ N ₂ O ₆
Relative molecular mass	324.33

Tests	Results								
Appearance	white powder								
Appearance of solution	clear, colorless solution (50mg/mL in methanol)								
Identification (ESI-MS)	m = 324.3u								
Identification (elemental analysis)	<table border="0"> <tr> <td>Theory</td> <td>Found</td> </tr> <tr> <td>C = 55.6%</td> <td>C = 55.7%</td> </tr> <tr> <td>H = 6.2%</td> <td>H = 6.2%</td> </tr> <tr> <td>N = 8.6%</td> <td>N = 8.6%</td> </tr> </table>	Theory	Found	C = 55.6%	C = 55.7%	H = 6.2%	H = 6.2%	N = 8.6%	N = 8.6%
Theory	Found								
C = 55.6%	C = 55.7%								
H = 6.2%	H = 6.2%								
N = 8.6%	N = 8.6%								
Identification (TLC)	complies with authentic material								
Purity (TLC)	> 99%								
TLC conditions	chloroform/methanol 9/1 chloroform/methanol/acetic acid 90/8/2 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, chlorine-tolidine								
Assay (elemental analysis)	100.26% (Cth 55.55%, Cfd 55.69%)								
Water content (KF volumetric)	0.2%								
Latest update: April 22, 2013									