

Analytical Data Sheet

Lot number

1036846

not for drug use

Catalog Number	M-1355.0250
Product number	4007070.0250
Product	FA- Ala- Phe- NH₂
Molecular formula	C₁₉H₂₁N₃O₄
Relative molecular mass	355.39

Tests	Results								
Appearance	white powder								
Appearance of solution	clear, pale yellow solution (50 mg/ml in AcOH)								
Identification (elemental analysis)	<table border="0"> <tr> <td>Theory</td> <td>Found</td> </tr> <tr> <td>C = 64.2 %</td> <td>C = 63.8 %</td> </tr> <tr> <td>H = 6.0 %</td> <td>H = 5.9 %</td> </tr> <tr> <td>N = 11.8 %</td> <td>N = 11.8 %</td> </tr> </table>	Theory	Found	C = 64.2 %	C = 63.8 %	H = 6.0 %	H = 5.9 %	N = 11.8 %	N = 11.8 %
Theory	Found								
C = 64.2 %	C = 63.8 %								
H = 6.0 %	H = 5.9 %								
N = 11.8 %	N = 11.8 %								
Identification (TLC)	complies with authentic material								
Purity (TLC)	> 99%								
TLC conditions	chloroform/methanol/acetic acid 77.5/15/7.5 chloroform/methanol/acetic acid/H ₂ O 45/13/1/2 plate: silicagel 60 F ₂₅₄ detected: UV, ninhydrin, TMB								
Water content (KF volumetric)	0.2%								
Latest update: May 18, 2011									

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