

Analytical Data Sheet

Lot number

1047920

not for drug use

Catalog Number	E-1275.1000
Product number	4027225.1000
Product	Ac- Val- NHMe
Molecular formula	$C_8H_{16}N_2O_2$
Relative molecular mass	172.23

Tests	Results									
Appearance	white product									
Appearance of solution	clear, colorless solution (50 mg/ml in methanol)									
Identification (elemental analysis)	<table border="0"> <tr> <td>Theory</td> <td>Found</td> </tr> <tr> <td>C = 55.79 %</td> <td>C = 55.57 %</td> </tr> <tr> <td>H = 9.36 %</td> <td>H = 9.10 %</td> </tr> <tr> <td>N = 16.27 %</td> <td>N = 16.15 %</td> </tr> </table>	Theory	Found	C = 55.79 %	C = 55.57 %	H = 9.36 %	H = 9.10 %	N = 16.27 %	N = 16.15 %	
Theory	Found									
C = 55.79 %	C = 55.57 %									
H = 9.36 %	H = 9.10 %									
N = 16.27 %	N = 16.15 %									
Purity (TLC)	> 99%									
TLC conditions	chloroform/methanol/benzene/H ₂ O 8/8/8/1 chloroform/methanol 9/1 chloroform/methanol/acetic acid/H ₂ O 85/13/0.5/1.5 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, chlorine-tolidine									
Latest update: April 25, 2013		Analytical Data Sheet Lot number 1047920								