

Analytical Data Sheet

Lot number

1045508

not for drug use

Catalog Number	P-1165.0001
Product number	4058964.0001
Product	MEGA- 9
Molecular formula	$C_{16}H_{33}NO_6$
Relative molecular mass	335.44

Tests	Results								
Appearance	white powder								
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 = 57.3 %</td> <td>C = 57.0 %</td> </tr> <tr> <td>H = 9.9 %</td> <td>H = 9.8 %</td> </tr> <tr> <td>N = 4.2 %</td> <td>N = 4.1 %</td> </tr> </table>	Theory	Found	C = 57.3 %	C = 57.0 %	H = 9.9 %	H = 9.8 %	N = 4.2 %	N = 4.1 %
Theory	Found								
C = 57.3 %	C = 57.0 %								
H = 9.9 %	H = 9.8 %								
N = 4.2 %	N = 4.1 %								
Purity (TLC)	> 99%								
TLC conditions	chloroform/methanol/acetic acid/H ₂ O 45/13/1/2 chloroform/methanol 8/2 chloroform/methanol/acetic acid 32% 5/3/1 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, chlorine-tolidine, ammoniummolybdate								
Assay (elemental analysis)	99.6% (Cth 57.29 %, Cfd 57.04 %)								
Latest update: November 19, 2012									

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