

# Analytical Data Sheet

Lot number

**1022331**

not for drug use

<b>Catalog Number</b>	<b>P-1000.0005</b>
<b>Product number</b>	<b>4011133.0005</b>
<b>Product</b>	<b>MEGA- 10</b>
<b>Molecular formula</b>	$C_{17}H_{35}NO_6$
<b>Relative molecular mass</b>	349.47

Tests	Results
<b>Appearance</b>	white powder
<b>Appearance of solution</b>	clear, colorless solution (50 mg/ml in methanol)
<b>Identification (TLC)</b>	conforms with authentic material
<b>Melting point</b>	93 °C
<b>Purity (TLC)</b>	> 99%
<b>TLC conditions</b>	chloroform/methanol 8/2 chloroform/methanol/acetic acid 32% 5/3/1 chloroform/methanol/acetic acid/H <sub>2</sub> O 45/13/1/2 plate: silicagel 60 F <sub>254</sub> detected by: UV, ninhydrin, chlorine-tolidine, ammoniummolybdate
<b>Assay (elemental analysis)</b>	100.0% (Cth 58.43 %, Cfd 57.459 %)
<b>Water content (KF volumetric)</b>	0.1%
Latest update: February 19, 2009	

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