

## Analytical Data Sheet

Lot number **1070298**  
not for drug use

Catalog number **P-1175.0001**  
Product number **4065417.0001**  
Product **MEGA- 12**  
Molecular formula  $C_{19}H_{39}NO_6$   
Relative molecular mass 377.52

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (50 mg/mL in methanol)
Identification (elemental analysis)	Theory Found C = 60.5% C = 60.8% H = 10.4% H = 10.0% N = 3.7% N = 3.8%
Melting point	102 °C
Purity (TLC)	> 99%
TLC conditions	chloroform/methanol/acetic acid 32% 5/3/1 chloroform/methanol 8/2 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
Assay (elemental analysis)	100.6% (Cth 60.45%, Cfd 60.82%)
Water content (KF volumetric)	0.2%

Latest update: February 22, 2017

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