

Analytical Data Sheet

Lot number

1045796

not for drug use

Catalog Number	F-1815.0250
Product number	4008374.0250
Product	H- γ- Methylene- DL- Glu- OH
Molecular formula	C₆H₉NO₄
Relative molecular mass	159.14

Tests	Results								
Appearance	white powder								
Appearance of solution	clear, colorless solution (5 mg/ml in H ₂ O)								
Identification (elemental analysis)	<table border="0"> <tr> <td>Theory</td> <td>Found</td> </tr> <tr> <td>C = 44.78 %</td> <td>C = 44.73 %</td> </tr> <tr> <td>H = 5.76 %</td> <td>H = 5.76 %</td> </tr> <tr> <td>N = 8.70 %</td> <td>N = 8.74 %</td> </tr> </table> <p>calc. as 0.1 H₂O (1.4 %)</p>	Theory	Found	C = 44.78 %	C = 44.73 %	H = 5.76 %	H = 5.76 %	N = 8.70 %	N = 8.74 %
Theory	Found								
C = 44.78 %	C = 44.73 %								
H = 5.76 %	H = 5.76 %								
N = 8.70 %	N = 8.74 %								
Melting point	211.3 °C								
Purity (TLC)	> 99%								
TLC conditions	n-butanol/acetic acid/H ₂ O 4/2/2 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, TMB								
Assay (elemental analysis)	98.8 % (Cth 45.28 %, Cfd 44.73 %)								
Water content (KF volumetric)	1.4%								
Latest update: December 04, 2012									