

# Analytical Data Sheet

Lot number

**1018519**

not for drug use

<b>Catalog Number</b>	E-1910.0005
<b>Product number</b>	4002301.0005
<b>Product</b>	H- Glu(OMe) – OH
<b>Molecular formula</b>	C <sub>6</sub> H <sub>11</sub> NO <sub>4</sub>
<b>Relative molecular mass</b>	161.16

Tests	Results
<b>Appearance</b>	white powder
<b>Appearance of solution</b>	clear, colorless solution (50 mg/ml in AcOH 80 %)
<b>Identification (TLC)</b>	conforms with authentic material
<b>Melting point</b>	175 °C
<b>Specific optical rotation</b>	$[\alpha]_D^{24} = + 13.6^\circ$ (1 % in H <sub>2</sub> O)
<b>Purity (TLC)</b>	> 99%
<b>TLC conditions</b>	acetonitrile/H <sub>2</sub> O 7/3 n-butanol/acetic acid/H <sub>2</sub> O 4/2/2 chloroform/methanol/acetic acid 32% 5/3/1 plate: silicagel 60 F <sub>254</sub> detected by: UV, ninhydrin, chlorine–tolidine
<b>Assay (elemental analysis)</b>	100.2% (Nth 8.69 %, Nfd 8.71 %)
Latest update: October 30, 2008	

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