

# Analytical Data Sheet

Lot number

## 1048025

not for drug use

<b>Catalog Number</b>	F-1565.0001
<b>Product number</b>	4004837.0001
<b>Product</b>	H- D- Glu(OtBu) - OH
<b>Molecular formula</b>	C <sub>9</sub> H <sub>17</sub> NO <sub>4</sub>
<b>Relative molecular mass</b>	203.24

Tests	Results
<b>Appearance</b>	white powder
<b>Appearance of solution</b>	clear, colorless solution (5 % in H <sub>2</sub> O)
<b>Identification (TLC)</b>	complies with authentic material
<b>Melting point</b>	196 °C
<b>Specific optical rotation</b>	[α] <sub>D</sub> <sup>24</sup> = -9.7 ° (1 % in H <sub>2</sub> O)
<b>Purity (TLC)</b>	> 99%
<b>TLC conditions</b>	n-butanol/acetic acid/H <sub>2</sub> O 4/2/2 chloroform/methanol/acetic acid 32% 5/3/1 ethylacetate/pyridine/acetic acid/H <sub>2</sub> O 6/5/1/3 plate: silicagel 60 F <sub>254</sub> detected by: ninhydrin, chlorine-tolidine
<b>Effective content</b>	95%
<b>Water content (KF volumetric)</b>	4.8%
<b>Residual organic solvents (GC)</b>	< 1%
Latest update: May 03, 2013	