

# Analytical Data Sheet

Lot number

**1018163**

not for drug use

<b>Catalog Number</b>	G-1220.0001
<b>Product number</b>	4001410.0001
<b>Product</b>	H- D- Ala- Gly- OH
<b>Molecular formula</b>	C <sub>5</sub> H <sub>10</sub> N <sub>2</sub> O <sub>3</sub>
<b>Relative molecular mass</b>	146.15

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>Specific optical rotation</b>	$[\alpha]_D^{24} = -51.0^\circ$ (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 isopropanol/ammonia conc. 1/1 methanol/chloroform/ammonia 17% 2/2/1 plate: silicagel 60 F <sub>254</sub> detected by: ninhydrin, chlorine-tolidine
<b>Water content (KF volumetric)</b>	< 0.5%
Latest update: October 30, 2008	

**Analytical Data Sheet**  
Lot number **1018163**