

# Analytical Data Sheet

Lot number

**1026103**

not for drug use

<b>Catalog Number</b>	H-1306.1000
<b>Product number</b>	4018112.1000
<b>Product</b>	H- Gly- Arg- Gly- OH
<b>Molecular formula</b>	C <sub>10</sub> H <sub>20</sub> N <sub>6</sub> O <sub>4</sub>
<b>Relative molecular mass</b>	288.31

Tests	Results
<b>Appearance</b>	white powder
<b>Appearance of solution</b>	clear, colorless solution (50 mg/ml in water)
<b>Amino acid analysis</b>	Gly 2.00 (2) Arg 0.80 (1)
<b>Purity (TLC)</b>	> 99%
<b>TLC conditions</b>	n-butanol/acetic acid/H <sub>2</sub> O 4/2/2 n-butanol/acetic acid/H <sub>2</sub> O/pyridine 30/6/24/20 plate: silicagel 60 F <sub>254</sub> detected by: UV, ninhydrin, chlorine-tolidine, Sakaguchi
<b>Effective content</b>	79.6%
<b>Water content (KF volumetric)</b>	2.2%
<b>Acetic acid content (IC)</b>	18.2%
Latest update: August 25, 2009	

**Analytical Data Sheet**  
Lot number **1026103**