

# Analytical Data Sheet

Lot number

**1025078**

not for drug use

<b>Catalog Number</b>	H-4115.0050
<b>Product number</b>	4005309.0050
<b>Product</b>	H- Lys- Gly- Glu- OH
<b>Molecular formula</b>	C <sub>13</sub> H <sub>24</sub> N <sub>4</sub> O <sub>6</sub>
<b>Relative molecular mass</b>	332.36

Tests	Results
<b>Appearance</b>	white powder
<b>Appearance of solution</b>	clear, colorless solution (10 mg/ml in H <sub>2</sub> O)
<b>Purity (TLC)</b>	> 98%
<b>TLC conditions</b>	n-butanol/acetic acid/H <sub>2</sub> O 4/2/2 isopropanol/ammonia conc. 1/1 chloroform/methanol/acetic acid 32% 5/3/1 plate: silicagel 60 F <sub>254</sub> detected by: UV, ninhydrin, TMB
<b>Assay (elemental analysis)</b>	87.7% (Nth 16.86 %, Nfd 14.78 %)
<b>Water content (KF coulometric)</b>	7.1%
<b>Acetic acid content (HPLC)</b>	4.6%
Latest update: July 01, 2009	

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