

# Analytical Data Sheet

Lot number

## 1022743

not for drug use

<b>Catalog Number</b>	H-3170.0250
<b>Product number</b>	4018138.0250
<b>Product</b>	H- Glu(Glu(Gln- OH) - OH) - OH
<b>Molecular formula</b>	C <sub>15</sub> H <sub>24</sub> N <sub>4</sub> O <sub>9</sub>
<b>Relative molecular mass</b>	404.38

Tests	Results
<b>Appearance</b>	white powder
<b>Appearance of solution</b>	clear, colorless solution (50 mg/ml in H <sub>2</sub> O)
<b>Identification (FAB-MS)</b>	[M + H] <sup>+</sup> : m/z = 405 u
<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 plate: silicagel 60 F <sub>254</sub> detected by: UV, ninhydrin, chlorine-tolidine
<b>Assay (elemental analysis)</b>	90% (Nth 13.85 %, Nfd 12.47 %)
Latest update: March 10, 2009	

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