

## Analytical Data Sheet

Lot number **1000009490**  
not for drug use

Catalog number **H-7318.0025**  
Product number **4075030.0025**  
Product **H- Gly- His- Arg- Pro- NH<sub>2</sub> acetate salt**  
Molecular formula **C<sub>19</sub>H<sub>32</sub>N<sub>10</sub>O<sub>4</sub>**  
Relative molecular mass **464.53**

| Tests                         | Results                                      |
|-------------------------------|--|
| Appearance                    | white powder                                 |
| Appearance of solution        | clear, colorless solution (1 mg/mL in water) |
| Identification (ESI-MS)       | m= 464.5u (average mass)                     |
| Purity (HPLC)                 | 98.4% (TFA)<br>98.1% (IP)                    |
| Assay (elemental analysis)    | 73.8% (Nth 30.15%, Nfd 22.25%)               |
| Water content (KF volumetric) | 3.2%   |

Latest update: November 29, 2018

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