

# Analytical Data Sheet

Lot number

**1030307**

not for drug use

|                                |   |
|--------------------------------|---|
| <b>Catalog Number</b>          | G-1590.1000   |
| <b>Product number</b>          | 4001054.1000  |
| <b>Product</b>                 | H- Asp- Leu- OH   |
| <b>Molecular formula</b>       | C <sub>10</sub> H <sub>18</sub> N <sub>2</sub> O <sub>5</sub> |
| <b>Relative molecular mass</b> | 246.26  |

| Tests                                | Results  |
|--------------------------------------|--|
| <b>Appearance</b>                    | white powder   |
| <b>Appearance of solution</b>        | clear, colorless solution (25 mg/ml in 80% AcOH)   |
| <b>Identification (TLC)</b>          | complies with authentic material   |
| <b>Purity (TLC)</b>                  | > 99%  |
| <b>TLC conditions</b>                | methanol/chloroform/ammonia 17% 2/2/1<br>n-butanol/acetic acid/H <sub>2</sub> O 4/2/2<br>chloroform/methanol/acetic acid/H <sub>2</sub> O 45/13/1/2<br>plate: silicagel 60 F <sub>254</sub><br>detected by: UV, chlorine-tolidine, ninhydrin |
| <b>Assay (elemental analysis)</b>    | 99.3% (Cth 48.77%, Cfd 48.41 %)  |
| <b>Water content (KF volumetric)</b> | 0.2%   |
| Latest update: April 20, 2010        |  |

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