

# **Chem-Impex International, Inc.**

**Tel:** (630) 766-2112

**E-mail:** [sales@chemimpex.com](mailto:sales@chemimpex.com)

**Shipping and Correspondence:**

935 Dillon Drive

Wood Dale, IL 60191

**Fax:** (630) 766-2218

**Web site:** [www.chemimpex.com](http://www.chemimpex.com)

**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191

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## **Certificate of Analysis**

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| <b>Catalog Number</b>  | 15734  |
| <b>Product Name</b>  | <b>H-Nva(5-phenyl)-OH</b><br>L-2-Amino-5-phenylpentanoic acid                          |
| <b>Lot Number</b>  | 522386   |
| <b>Molecular Formula</b>   | C <sub>11</sub> H <sub>15</sub> NO <sub>2</sub>  |
| <b>Molecular Weight</b>  | 193.25   |
| <b>Appearance</b>  | White powder   |
| <b>Melting Point</b>   | 230 °C (dec.)  |
| <b>Specific Optical Rotation</b>   | $\alpha^{25}_{\text{D}} = +9.7^{\circ}$ (C <sub>1</sub> , 0.5 N NaOH)                  |
| <b>Assay by TLC</b>  | Visualized with UV/Iodine  |
| <b>BuOH/AcOH/H<sub>2</sub>O (4/1/2)</b>  | Single spot  |
| <b>CHCl<sub>3</sub>/CH<sub>3</sub>OH/C<sub>6</sub>H<sub>6</sub>/H<sub>2</sub>O (8/8/8/1)</b> | Single spot  |
| <b>Purity (HPLC)</b>   | 99%  |
| <b>Remarks</b>   | See Material Safety Data Sheets for additional information.<br>For Laboratory use only |

**The foregoing is a copy of the Certificate of Analysis as provided by our supplier**



**Bala Kumar**  
**Quality Control Manager**