

# Chem-Impex International, Inc.

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825 Dillon Drive

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## Certificate of Analysis

|                          |                                                                                 |
|--------------------------|---------------------------------------------------------------------------------|
| <b>Catalogue Number</b>  | 08653                                                                           |
| <b>Product</b>           | <b>Gly-Leu-NH<sub>2</sub>•HCl</b>                                               |
| <b>Lot Number</b>        | 003249-211221-1<br>Gly-Leu amide hydrochloride<br>Gly-L-Leu NH <sub>2</sub> HCl |
| <b>CAS Number</b>        | 38173-66-9                                                                      |
| <b>Molecular Formula</b> | C <sub>8</sub> H <sub>17</sub> N <sub>3</sub> O <sub>2</sub> •HCl               |
| <b>Molecular Weight</b>  | 223.7                                                                           |

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|-------------------------|---------------------------------------------------------|
| <b>Appearance</b>       | White to off-white powder                               |
| <b>Melting Point</b>    | 209 - 213 °C                                            |
| <b>Optical Rotation</b> | [α] <sub>D</sub> <sup>24</sup> = -19.8 ° (C=2 in water) |
| <b>Purity by HPLC</b>   | 98.54%                                                  |
| <b>ESI-MS</b>           | MW : 223.7                                              |
| <b>Storage</b>          | Store at ≤-4°C                                          |

|                |                                                                                      |
|----------------|--------------------------------------------------------------------------------------|
| <b>Remarks</b> | See material safety data sheet 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**