

# Chem-Impex International, Inc.

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## Product Specifications

|                          |                                                |
|--------------------------|------------------------------------------------|
| <b>Catalogue Number</b>  | 02560                                          |
| <b>Product</b>           | <b><math>\beta</math>-Cyclohexyl-L-alanine</b> |
|                          | L-Cha-OH                                       |
|                          | 3-Cyclohexyl-L-alanine                         |
| <b>CAS Number</b>        | 27527-05-5                                     |
| <b>Molecular Formula</b> | C <sub>9</sub> H <sub>17</sub> NO <sub>2</sub> |
| <b>Molecular Weight</b>  | 171.2                                          |

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|------------------------------------|----------------------------------------------------------|
| <b>Appearance</b>                  | Off-white to white powder                                |
| <b>Water Content (Karl Fisher)</b> | ≤ 0.5%                                                   |
| <b>Optical Rotation</b>            | [α] <sup>20</sup> <sub>D</sub> = 9 ± 2 ° (C=1 in 1N HCl) |
| <b>Infrared Spectrum</b>           | Conforms to structure                                    |
| <b>D-Enantiomer</b>                | ≤ 1.0%                                                   |
| <b>Purity by HPLC</b>              | ≥ 99%                                                    |
| <b>Chiral Purity</b>               | ≥ 99% (ee)                                               |
| <b>Storage</b>                     | Store at 0 - 8 °C                                        |

**For Laboratory Use Only**