

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

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

**E-mail:** sales@chemimpex.com

**Shipping and Correspondence:**

935 Dillon Drive

Wood Dale, IL 60191

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

**Web site:** www.chemimpex.com

**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191

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## ***Product Specifications***

|                          |                                                                                      |
|--------------------------|--------------------------------------------------------------------------------------|
| <b>Catalogue Number</b>  | 46528                                                                                |
| <b>Product</b>           | <b>D-pyroglutamic acid amide</b><br>D-Pyro-Glu-Amide<br>H-D-Pyro-Glu-NH <sub>2</sub> |
| <b>CAS Number</b>        | 118929-65-0                                                                          |
| <b>Molecular Formula</b> | C <sub>5</sub> H <sub>8</sub> N <sub>2</sub> O <sub>2</sub>                          |
| <b>Molecular Weight</b>  | 128.1                                                                                |

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|---------------------------|--------------------------------------------------------------------|
| <b>Appearance</b>         | White powder                                                       |
| <b>Optical Rotation</b>   | $[\alpha]_{D_{20}} = 18.2 \pm 2^{\circ}$ (C=1 in H <sub>2</sub> O) |
| <b><sup>13</sup>C NMR</b> | Conforms to structure                                              |
| <b><sup>1</sup>H NMR</b>  | Conforms to structure                                              |
| <b>Purity</b>             | ≥ 97% (NMR)                                                        |
| <b>Storage</b>            | Store at 2 - 8 °C                                                  |

**For Laboratory Use Only**