

# ***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>  | 43634                                                                                          |
| <b>Product</b>           | <b>1-Phenyl-5-pyrazolone-3-carboxylic acid</b><br>5-Oxo-1-phenyl-2-pyrazolin-3-carboxylic acid |
| <b>CAS Number</b>        | 119-18-6                                                                                       |
| <b>Molecular Formula</b> | C <sub>10</sub> H <sub>8</sub> N <sub>2</sub> O <sub>3</sub>                                   |
| <b>Molecular Weight</b>  | 204.19                                                                                         |

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|---------------------------|------------------------------------------|
| <b>Appearance</b>         | White to almost white crystalline powder |
| <b>Solubility</b>         | Soluble in methanol                      |
| <b>Melting Point</b>      | 237 °C (dec.)                            |
| <b>Infrared Spectrum</b>  | Conforms to structure                    |
| <b>Assay by titration</b> | ≥ 95%                                    |
| <b>Purity by HPLC</b>     | ≥ 98%                                    |
| <b>Storage</b>            | Store at RT                              |

**For Laboratory Use Only**