

# *Chem-Impex International, Inc.*

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## *Product Specifications*

|                          |  |
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| <b>Catalogue Number</b>  | 44020  |
| <b>Product</b>           | <b>5-Amino-1,2,3-thiadiazole</b>               |
| <b>CAS Number</b>        | 4100-41-8                                      |
| <b>Molecular Formula</b> | C <sub>2</sub> H <sub>3</sub> N <sub>3</sub> S |
| <b>Molecular Weight</b>  | 101.13   |

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|---------------------------|--|
| <b>Warnings</b>           | <i>Heat sensitive!</i>                   |
| <b>Appearance</b>         | Light yellow to brown crystalline powder |
| <b>Solubility</b>         | Soluble in methanol                      |
| <b>Melting Point</b>      | 142 °C (dec.)                            |
| <b><sup>1</sup>H NMR</b>  | Conforms to structure                    |
| <b>Assay by titration</b> | ≥ 97%                                    |
| <b>Purity by HPLC</b>     | ≥ 98%                                    |
| <b>Storage</b>            | Store at RT                              |

**For Laboratory Use Only**