

# *Chem-Impex International, Inc.*

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## *Product Specifications*

|                               |                                                                                                      |
|-------------------------------|------------------------------------------------------------------------------------------------------|
| <b>Catalogue Number</b>       | 01976                                                                                                |
| <b>Product</b>                | <b>1,5-Naphthalenedisulfonic acid disodium salt</b><br><br>Sodium 1,5-naphthalenedisulfonate dibasic |
| <b>CAS Number</b>             | 1655-29-4                                                                                            |
| <b>Molecular Formula</b>      | C <sub>10</sub> H <sub>8</sub> S <sub>2</sub> O <sub>6</sub> Na <sub>2</sub>                         |
| <b>Molecular Weight</b>       | 332.26                                                                                               |
| <hr/>                         |                                                                                                      |
| <b>Appearance</b>             | White powder                                                                                         |
| <b>Anion</b>                  | Chloride (Cl <sup>-</sup> ): ≤ 1.5%                                                                  |
| <b>Cation</b>                 | Iron (Fe): ≤ 5 ppm<br>Calcium (Ca): ≤ 50 ppm<br>Magnesium (Mg): ≤ 5 ppm                              |
| <b>pH</b>                     | 3.5-4.0                                                                                              |
| <b>Purity by HPLC</b>         | ≥ 99%                                                                                                |
| <b>Storage</b>                | Store at RT                                                                                          |
| <b>Additional Information</b> | Content of Sodium: ≥ 95%<br>Content of free acid: ≤ 1%<br>Content of salt: ≤ 2%                      |

**For Laboratory Use Only**