

# Chem-Impex International, Inc.

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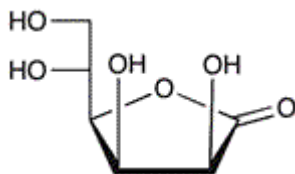
**Web site:** www.chemimpex.com

**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191

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## Product Specifications

|                          |   |
|--------------------------|---|
| <b>Catalogue Number</b>  | 32330   |
| <b>Product</b>           | <b>D-Mannono-1,4-lactone</b>                  |
| <b>CAS Number</b>        | 26301-79-1                                    |
| <b>Molecular Formula</b> | C <sub>6</sub> H <sub>10</sub> O <sub>6</sub> |
| <b>Molecular Weight</b>  | 178.14  |

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|------------------------------------|--|
| <b>Appearance</b>                  | White crystalline powder   |
| <b>Solubility</b>                  | Clear, colorless solution (3% in water)                              |
| <b>Melting Point</b>               | > 151 °C   |
| <b>Water Content (Karl Fisher)</b> | ≤ 0.2%   |
| <b>Optical Rotation</b>            | [α] <sup>20</sup> <sub>D</sub> = 50 - 54 ° (C=3 in H <sub>2</sub> O) |
| <b>Infrared Spectrum</b>           | Conforms to structure  |
| <b>Sulfated Ash</b>                | ≤ 0.1%   |
| <b>Purity by HPLC</b>              | ≥ 99%  |
| <b>Storage</b>                     | Store at RT  |

**For Laboratory Use Only**