

# *Chem-Impex International, Inc.*

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## *Product Specifications*

**Catalogue Number** 21683  
**Product** **L-Gulono-1,4-lactone**

L(+)-Gulono-1,4-lactone

L-Gulonic acid  $\gamma$ -lactone

**CAS Number** 1128-23-0

**Molecular Formula** C<sub>6</sub>H<sub>10</sub>O<sub>6</sub>

**Molecular Weight** 178.14

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**Appearance** White to off-white crystalline powder

**Solubility** Transparent solution in water

**Melting Point** 182-190 °C

**Optical Rotation**  $[\alpha]_D^{20} = +51^\circ$  to  $+58^\circ$  (C=4 in H<sub>2</sub>O)

**Loss on Drying**  $\leq 0.5\%$

**Purity by HPLC**  $\geq 98\%$

**Storage** Store at 0-8 °C

**For Laboratory Use Only**