

# *Chem-Impex International, Inc.*

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## *Certificate of Analysis*

**Catalogue Number** 01608  
**Lot Number** 000347-41223480  
**Product** **D-Gluconic acid, 50% w/w solution in water**

2,3,4,5,6-Pentahydroxycaproic acid

**CAS Number** 526-95-4

**Molecular Formula** C<sub>6</sub>H<sub>12</sub>O<sub>7</sub>

**Molecular Weight** 196.2

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**Appearance** Clear light yellow liquid

**Specific Gravity** 1.230 at 20 °C

**Anion** Chloride (Cl<sup>-</sup>) : 43 ppm  
Sulfate (SO<sub>4</sub><sup>2-</sup>) : 49 ppm

**pH** 1.2 (as is)

**Reducing Substances** 1.40%

**Related Substances** Acetic acid content : 0.4%

**Assay** 50.3%

**Grade** Technical Grade

**Storage** Store at RT

**Remarks** See material safety data sheet for additional information  
For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



**Bala Kumar**  
**Quality Control Manager**