

# Chem-Impex International, Inc.

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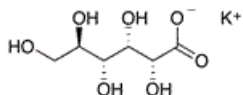
**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191

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## Product Specifications



**Catalogue Number** 32290

**Product** **Potassium D-gluconate**

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

D-Gluconic acid potassium salt

**CAS Number** 299-27-4

**Molecular Formula** C<sub>6</sub>H<sub>11</sub>KO<sub>7</sub>

**Molecular Weight** 234.25

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**Appearance** White granules

**Reducing Substances** ≤ 1.0%

**Loss on Drying** ≤ 3.0%

**Assay by titration** 97 - 103 % (On dry basis)

**Storage** Store at RT

**Additional Information** Identification A : Infrared spectroscopy : To pass test  
Identification B : Potassium Gluconate imparts a violet color to a nonluminous flame. Because the presence of small quantities of sodium masks the color, screen out the yellow color produced by sodium by viewing through a blue filter that blocks emission at 589 nm (sodium) but is transparent to emission at 404 nm (potassium)  
Identification C : Thin-Layer Chromatography : To pass test

**For Laboratory Use Only**