

# Chem-Impex International, Inc.

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**Manufacturing site:**

825 Dillon Drive

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## Certificate of Analysis

**Catalogue Number** 32271  
**Lot Number** 000514-23878007  
**Product** **Iron(II) D-gluconate dihydrate**

D-Gluconic acid iron(II) salt dihydrate

**CAS Number** 22830-45-1  
**Molecular Formula**  $C_{12}H_{22}FeO_{14} \cdot 2H_2O$   
**Molecular Weight** 482.17

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**Appearance** Brown, tan or gray to greenish yellow powder  
**Anion** Chloride : < 0.07%  
Sulfate : < 0.1%  
**Cation** Arsenic: 0.10 ppm  
Ferric Iron : 0.15%  
Lead : 0.01 ppm  
Mercury : < 3 ppm  
**Yeast and Mold** < 100 cfu/g  
**Reducing Sugars** Passes test  
**Loss on Drying** 9.7%  
**Residual Solvents** Conforms to USP standard  
**Coliform Organisms** Negative  
**Microbial Count** < 1000 cfu/g (Aerobic Plate Count)  
**Mesh Size** 0.0% on 40 mesh  
0.1% on 70 mesh  
100% through 70 mesh  
**Related Substances** Oxalic acid : Passes test  
**Assay by titration** 101.3% (On dry basis)  
**Grade** FCC/ USP  
**Storage** Store at RT  
**Country of Origin** USA

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**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**