

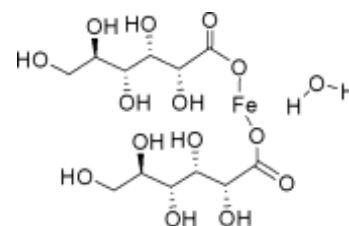


# Product Specification

cdhfinechemical.com

## FERROUS GLUCONATE FOR SYNTHESIS

|                             |                              |
|-----------------------------|------------------------------|
| PRODUCT CODE                | 093595                       |
| SYNONYMS                    | Iron (II) gluconate hydrate  |
| C.I. NO.                    | --                           |
| CASR NO.                    | (699014-53-4)                |
| ATOMIC OR MOLECULAR FORMULA | $C_{12}H_{22}FeO_{14}.XH_2O$ |
| ATOMIC OR MOLECULAR WEIGHT  | 446.14 (anhy.)               |
| PROPERTIES                  | --                           |



| PARAMETER                    | LIMIT                                     |
|------------------------------|-------------------------------------------|
| Description                  | Faint beige to beige powder or granules . |
| Solubility                   | 5% Solution in water is clear.            |
| Minimum assay (Total Iron)   | 12.25%                                    |
| pH of (5% solution in water) | 3.7 – 6.0                                 |

### MAXIMUM LIMIT OF IMPURITY

|                             |             |
|-----------------------------|-------------|
| Loss on drying (at 105°C)   | 5.0 – 15.0% |
| Chloride (Cl)               | 0.05%       |
| Sulphate (SO <sub>4</sub> ) | 0.05%       |

**Note(s) :** Assay (if applicable) method mentioned.

### DANGER

Hazard statements: --

Prevention: --

Response:--

IMDG Code :--

UN No. : --

IATA : --

Disposal:--

Hazard Pictogram(s) :