

Ferro Chem Industries & Gluco Chem Industries are sister concerns located at Dumral - 387 355. (Gujarat) INDIA engaged in manufacturing & exporting Bulk Drugs and Fine Chemicals.

Ferro Chem Industries an ISO 14001:1996 company is one of the largest manufacturer of Ferrous Fumarate B.P./U.S.P. Dried Ferrous Sulphate B.P./U.S.P. and Fumaric Acid (Tech. Grade)

Gluco Chem Industries is engaged in manufacturing various Gluconate Salts along with Ferric Ammonium Citrate B.P., Calcium Citrate U.S.P., Calcium Ferrous Citrate etc.

Research and development is a continuous process at our place, while incorporation of advance technological method with stringent quality control tests at every stage of the manufacture, ensure that all products are of high pharmacy purity and consistently uniform in quality.

We have a strong backbone of professionally managed entrepreneurs backed with the expertise of dedicated and experienced staff who assist in achieving international standards for quality, management and expertise.

We have customers all across the globe namely U.K., Germany, Mexico, Hong Kong, Malaysia, Belgium, Argentina, Vietnam, Taiwan, Korea, Italy, Srilanka, Bangladesh who epitomize the quality and standards maintained by us over the last 6 years.

Our aim is to make the utmost use of our resources in order to enhance our reputation by being the leader in supplying quality products while maintaining high preventive measures to safeguard the environment during our manufacturing operations.

Product Specification...

+ FERROUS FUMARATE

B.P.

U.S.P.

Mol. Formula	: $C_4H_2FeO_4$
Mol. Weight	: 169.9
Description	: Reddish Orange or Reddish Brown Powder
Sulphate	: Not more than 0.2%
Arsenic	: Not more than 3 ppm
Ferric Ion	: Not more than 2.0%
Lead	: Not more than 20 ppm
Loss on Drying	: Not more than 1.0%
Mercury	: —
Organic Vol. Imp.	: —
Assay on Dry Basis	: Less than 93% to 101%

Reddish Brown Powder
Not more than 0.2%
Not more than 5 ppm
Not more than 2.0%
Not more than 10 ppm
Not more than 1.0%
Not more than 3 ppm
Limit to pass the test
97% to 101%

+ DRIED FERROUS SULPHATE

B.P.

U.S.P.

Mol. Formula	: $FeSO_4 \cdot H_2O$
Mol. Weight	: 169
Description	: Greyish white colour powder
Ferric Ion	: Less than 0.05%
Arsenic	: Less than 3 ppm
Lead	: —
Heavy Metal	: Less than 50 ppm
Mercury	: —
Organic Vol. Imp.	: —
Assay	: 86 to 90%

Greyish white colour powder
—
Less than 3 ppm
Not more than 10 ppm
—
Less than 3 ppm
Limit to pass the test
86 to 89%

+ FERROUS GLUCONATE

B.P.

U.S.P.

Mol. Formula	: $C_{12}H_{22}FeO_{14} \cdot 2H_2O$
Mol. Weight	: 482.17
Description	: Yellowish Gray fine powder
pH	: 4 to 5.5 for 5% solution
Chlorides	: less than 600 ppm
Sulphate	: less than 500 ppm
Arsenic	: less than 3 ppm
Lead	: less than 10 ppm
Mercury	: —
Reducing Substances	: Limit to pass the test
Loss on Drying	: 7 to 10.5%
Ferric Ion	: less than 1%
Organic Vol. Imp.	: —
Assay on Dry basis	: 95% to 102%

Yellowish Gray fine powder
—
less than 700 ppm
less than 1000 ppm
less than 3 ppm
less than 10 ppm
less than 3 ppm
Limit to pass the test
6.5 to 10%
less than 2%
Limit to pass the test
97% to 102%

+ FUMARIC ACID (Technical Grade)

Description	: White Crystalline Fine Powder
Water	: Not more than 0.5%
Heavy Metal	: Not more than 50 ppm
Residue on Ignition	: Not more than 0.1%
Limit of Maleic Acid	: Not more than 0.1%
Assay as $C_4H_4O_4$	: Minimum 98%

+ CALCIUM GLUCONATE B.P.

Mol Formula	: $C_{12}H_{22}CaO_{14}H_2O$
Mol Weight	: 448.4
Description	: white Crystalline Powder
Org. Imp. & Boric Acid	: Limit to pass the test
Chlorides	: Less than 700 ppm
Sulphate	: Less than 500 ppm
Arsenic	: Less than 3 ppm
Heavy Metals	: Less than 20 ppm
Reducing Substances	: Limit to pass the test
Mag. & Alkali Metal	: Limit to pass the test
Loss on Drying	: —
Assay on Mono. basis	: 98.5 % to 102 %

U.S.P.

white Crystalline Powder	
Limit to pass the test	
Less than 700 ppm	
Less than 500 ppm	
Less than 3 ppm	
Less than 20 ppm	
Limit to pass the test	
Limit to pass the test	
Less than 1 %	
99 % to 101 %	

+ FERRIC AMMONIUM CITRATE B.P. + CALCIUM CITRATE U.S.P.

Description	: Brownish red powder
Solubility	: Very soluble in water
Arsenic	: Less than 4 ppm
Lead	: Less than 30 ppm
Zinc	: Less than 50 ppm
Free Ferric Compound	: Limit to pass the test
Chloride	: Less than 0.25%
Sulphate	: Less than 0.3%
Assay	: 20.5% to 22.5%

Mol Formula	: $C_{12}H_{10}Ca_3O_{14}4H_2O$
Mol. Weight	: 570.49
Description	: White Crystalline Powder
Loss On Drying	: Limit 10.0% to 13.3%
Arsenic	: Max limit 3 ppm
Limit Of Acid	
Insoluble Substance	: Max limit 0.2%
Lead	: Max limit 0.001%
Organic Vol. Imp.	: Limit to pass the test
Assay	: Limit (97.5 to 100.5)

+ ZINC GLUCONATE U.S.P.

Mol Formula	: $C_{12}H_{22}ZnO_{14}2H_2O$
Mol Weight	: 491.5
Description	: White Crystalline Powder
pH	: 5.5 to 7.5 for 1% solution
Chlorides	: Less than 500 ppm
Sulphate	: Less than 500 ppm
Arsenic	: Less than 3 ppm
Reducing Substances	: Limit to pass the test
Cadmium	: Less than 5 ppm
Lead	: Less than 10 ppm
Organic Vol. Imp.	: Limit to pass the test
Loss on Drying	: Not more than 11.6 %
Assay on Dry basis	: 97 % to 102 %

+ COPPER GLUCONATE U.S.P.

Mol Formula	: $C_{12}H_{22}CuO_{14}$
Mol Weight	: 453.84
Description	: Light Blue to Bluish Green Crystalline Powder
Chlorides	: Less than 500 ppm
Sulphate	: Less than 500 ppm
Arsenic	: Less than 2 ppm
Lead	: Less than 25 ppm
Reducing Substances	: Limit to pass the test
Assay on Dry basis	: 98% to 102%

+ MAGNESIUM GLUCONATE U.S.P.

Mol Formula	: $C_{12}H_{22}MgO_{14}2H_2O$
Mol Weight	: 450.64
Description	: white Crystalline Powder
pH	: 6 to 7.8 for 5% solution
Chlorides	: Less than 500 ppm
Sulphate	: Less than 500 ppm
Arsenic	: Less than 2 ppm
Heavy Metals	: Less than 20 ppm
Reducing Substances	: Limit to pass the test
Loss on Drying	: 3 to 12%
Organic Vol. Imp.	: Limit to pass the test
Assay on Dry basis	: 98% to 102%

+ CALCIUM FERROUS CITRATE

Description	: Greenish Yellow powder insoluble in water and soluble in acid media
Ferrous Content	: Max limit 4.5% to 9.5%
Calcium Content	: Max limit 13.5% to 18.5%
Chloride	: Max 700 ppm
Sulphate	: Max 600 ppm
Heavy Metals	: Max 20 ppm
Arsenic	: Max 2 ppm
Ferric Content	: Max 2%

Our Products...

FERRO CHEM INDUSTRIES

Manufacturing Drug Licence No. : G/1460

Neutral Code : GUJ/DRUG/G1460

- Fumaric Acid (Technical Grade)
- Ferrous Fumarate B.P. / U.S.P.
- Dried Ferrous Sulphate B.P. / U.S.P.

GLUCO CHEM INDUSTRIES

Manufacturing Drug Licence No. : G/1636

- Calcium Gluconate B.P. / U.S.P.
- Ferrous Gluconate B.P. / U.S.P.
- Ferric Ammonium Citrate B.P.
- Zinc Gluconate U.S.P.
- Magnesium Gluconate U.S.P.
- Copper Gluconate U.S.P.
- Manganese Gluconate
- Calcium Citrate U.S.P.
- Calcium Ferrous Citrate
- Ferrous Glycine Sulphate



For Inquiry Contact...

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