

Iron is a mineral that is an essential constituent of blood and muscle, and is required for the transport of oxygen. The primary role of iron relates to the ability of red blood cells to adequately carry oxygen. When anemia is finally detected, an unbalanced condition has already been reached.

Iron deficiency develops insidiously and is often free of symptoms. Anemia symptoms include weakness, palpitations, lassitude, light-headedness, fatigue, and sometimes subtle behavioral changes.

The growing demand for healthy and convenient food are the main drivers of vitamins and minerals markets. Our Enrichment Minerals provide our customers with convenient, highly bio-available products for the food ,neutraceutical , beverages and dietary applications.

In Human Nutrition *Suboneyo* offers replacements to Inorganic Minerals used in many Human Nutrition formulations. Organic Minerals are absorbed by body effectively & has many advantages over the inorganic mineral supplementation largest is the absorption & availability.

Suboneyo expertise in customized High Quality, cost-effective Organic Minerals which are used in many Neutraceutical, Food applications.

IRON /HAEMATINIC PRODUCTS:-

- 1] Ferrous Ascorbate
- 2 Ferrous Asparto Glycinate
- 3] Ferrous BisGlycinate Fe 20%, chelate & Ferrous bisglycinate Hydrochloride
- 4] Ferrous Glycine sulfate
- 5] Ferrous Aminoate,
- 6] Iron Protein Succinylate,Ferrous Caseinate
- 7] Iron III Hydroxide Polymaltose Complex
- 8] Iron (III) hydroxide Polysaccharide Complex (PIC)
- 9] Iron (III) hydroxide Polysucrose Complex
- 10] Ferric Pyrophosphate

Effects of Iron :-

- Iron Deficiency causes anemia
- Iron Deficiency causes decreased cognitive function
- Iron deficiency linked to depression
- Iron deficiency causes increase in zip metal transporters
- Iron deficiency affects behavior
- Iron Deficiency can cause ovary infertility in females.

For Supplementing & correcting the deficiency of Iron we are offering following Iron Supplements:-

IRON /HAEMATINIC PRODUCTS:-

1] Ferrous Ascorbate

Ferrous Ascorbate: The product resulting by reacting ascorbic acid and iron. This has fantastic absorption as ascorbic acid enhances absorption of iron. Ascorbic acid

reduces ferric iron to ferrous iron which remains soluble even at neutral pH. It is used in range of nutraceutical & health care preparations like liquid, capsule & tablet etc. it is fine, free flowing, slightly hygroscopic spray dried, dark purple colored water soluble powder.

2] Ferrous Asparto Glycinate

Iron/Ferrous Asparto glycinate is a Novel compound complex of aspartic acid & glycine with iron.

This is greenish beige to brown colored spray dried soluble powder hygroscopic in nature. FAG offers high iron content & useful in various nutraceutical ,healthcare applications inn capsules, tablets etc.

3] Ferrous BisGlycinate Fe 20%, chelate & Ferrous bisglycinate Hydrochloride:

Ferrous bisglycinate is a Novel compound complex of 2 moles of glycine with iron. This is greenish beige colored spray dried soluble powder hygroscopic in nature. FBG offers high iron content & useful in various nutraceutical ,healthcare applications inn capsules, tablets etc.

Ferrous bisglycinate hydrochloride FBG HCl is a Novel compound complex of 2 moles of glycine with iron. This is greenish beige colored spray dried soluble powder hygroscopic in nature. FBG HCl offers high iron content & useful in various nutraceutical ,healthcare applications inn capsules, tablets etc.

4] Ferrous Glycine sulfate Fe 18-20%:-

Ferrous glycine sulfate is a complex of glycine with iron sulfate. This is greenish beige colored spray dried soluble powder hygroscopic in nature.

Ferrous glycine sulfate offers high iron content & useful in various nutraceutical, healthcare applications inn capsules, tablets etc.

5] Ferrous Aminoate, :-

Ferrous aminoate is a complex of amino acids with iron compound with high proteins. This is greenish brown colored spray dried soluble powder hygroscopic in nature. Ferrous aminoate offers high iron content & useful in various nutraceutical ,healthcare applications inn capsules ,tablets etc.

6] Iron Protein Succinylate, Ferrous Caseinate:-

Iron Protein Succinylate/Ferrous caseinate is a stable complex of milk protein casein with iron compound with high proteins. The iron content is 5-6%.

This is a reddish colored spray dried partly soluble powder. Iron protein Succinylate/Ferrous Caseinate is useful in various nutraceutical ,healthcare applications inn capsules ,tablets etc.

7] Iron III Hydroxide Polymaltose Complex:

Iron Hydroxide Polymaltose Complex supplies iron in ferric form to body .Ferric is complexed with polymaltose for better absorption. IPC is a red colored soluble spray dried powder. Our IPC is suitable for syrup, tablets. We offer IPC having Iron content ranging from 30%, 33% & 40% as well. Higher conc grade containing 40% elemental iron is suitable for tableting.

8] Iron (III) hydroxide Polysaccharide Complex (PIC)

This is a Polysaccharide complex of Iron supplies iron in ferric form to body .Ferric is complexed with polysaccharide for better absorption. It is a red colored soluble spray dried powder.

9] Iron (III) hydroxide Polysucrose Complex :

Iron Hydroxide Polysucrose Complex supplies iron in ferric form to body .Ferric is complexed with polysucrose for better absorption. It is a red colored soluble spray dried powder. This is suitable for syrup, tablets. We offer Iron III hydroxide polysucrose having Iron content ranging from 30%, 33% & 40% as well. Higher conc grade 40% is suitable for tableting.

10] Ferric Pyrophosphate

Ferric Pyrophosphate is a product useful for fortifications of foods & grains due to its characteristics that it does not impart changes in organoleptic characteristics of the food preparations. Ferric pyrophosphate as it does not impart metallic taste to food it is well suited for fortification of Grains, infant foods though it is low in absorption.

It is a buff white to dull reddish yellow colored water-insoluble powder form of Iron supplement used to fortify infant cereals and chocolate-drink powders.