

LIFEFORCE

GLUCOSE TOLERANCE FACTOR (GTF) PLUS

120 Capsules

Nappi Code: 701802-003

GLUCOSE TOLERANCE FACTOR (G T F) PLUS

GTF is Chromium, an essential trace element required for normal carbohydrate, protein and fat metabolism. GTF Plus contains Chromium in two forms (Chromium Picolinate and Glucose Tolerance Polynicotinate) supported in a comprehensive base of multi-vitamins, multi-minerals and amino acids, teamed with Ginkgo Biloba extract for superior nutritional support. Antioxidant protection is provided by Taurine, N-Acetyl-Cysteine and Glutamine. GTF Plus is used as a healing tool in Diabetes and other health problems such as Hypoglycaemia, Cancer and Heart diseases.

BLOOD SUGAR AND BLOOD PRESSURE REGULATOR

- ✓ Diabetes
- ✓ Heart disease
- ✓ High cholesterol levels
- ✓ Hypoglycaemia and blood sugar control
- ✓ Depression and anxiety
- ✓ Anti-aging
- ✓ Appetite management
- ✓ Powerful energy tonic
- ✓ Protective health factor

- ✓ Re-balance metabolism
- ✓ Weight loss
- ✓ Builds muscle strength

THE FACTS:

The discovery of the role of GTF Chromium in health is proving to be one of major importance.

- ❖ Research strongly suggests that GTF Chromium is a protective factor against two of the three leading causes of death - heart disease and diabetes.
- ❖ Studies also show that GTF Chromium helps to control appetite, Hypoglycaemia and protein-uptake.
- ❖ GTF Chromium also counteracts a host of problems usually blamed on the aging process, but actually due to an extended GTF Chromium shortage.
- ❖ GTF Chromium is analogous to the relationship between Cobalt and vitamin B12.
- ❖ GTF Chromium aids insulin in its role of controlling blood glucose.
- ❖ GTF Chromium is a factor in the tolerance to glucose and the compound is called 'Glucose Tolerance Factor' or 'GTF' for short.

Few have as yet grasped the importance of dietary GTF Chromium, as they are either unaware of the role of GTF in health, or they are not aware of the fact that many people lose their ability to make GTF in their bodies. Diabetics may be able to regulate their blood sugar levels when combining GTF with Magnesium and the B Vitamins.

We are able to manufacture GTF in our bodies from the mineral Chromium, the vitamin Nicotinamide or Tryptophan and the amino acids Glycine, Glutamic Acid and Cysteine.

In those people with a reduced efficiency in making their own GTF, dietary GTF becomes a critical source of this compound. In essence, dietary GTF is a vitamin to these individuals.

WHY IS GTF NEEDED?

GTF Chromium is an essential trace element required for normal carbohydrate, protein and fat metabolism. GTF Chromium is removed by the refining of food.

- Modern diets are deficient in Chromium, as well as GTF Chromium and still further depleted by the excretion of Chromium.
- Studies have shown that as the years go by, our diets are depleting whatever meagre body reserves, may have previously existed.
- The net effect may be increased heart disease, Diabetes, Hypoglycaemia and impaired protein metabolism.

THE FUNCTION OF GTF:

GTF Chromium's biological function is closely associated with that of Insulin and most Chromium-stimulated reactions are also Insulin dependent. GTF Plus improves efficacy by assisting and working with Insulin in the metabolism of glucose. High blood glucose levels may damage the body in many ways.

- This damage is called "glucose intolerance" and affects arteries, nerves and even the eyes.
- Insulin reduces high blood glucose levels by opening passageways in the cell surfaces or by causing chemicals to be released in the cell membrane to facilitate the entry of blood glucose into the cells.
- Once inside the cells, the glucose is burned to produce energy or converted into fat.
- This action is not totally clear at this time, but it is thought that GTF Chromium holds insulin molecules to their 'receptors' on the cell surfaces.
- GTF helps bring protein to where it is needed.
- With aging you retain less GTF Chromium in your body.

FUNCTIONS OF SOME OF THE KEY INGREDIENTS IN GTF PLUS

Chromium Picolinate - studies indicate that it can help to stabilise blood glucose levels, increase the body's ability to burn extra fat (adipose tissue) and stimulate the formation of lean muscle.

Chromium aids in growth by converting protein into muscle and sugar into energy. Chromium helps to prevent obesity, by improving the body's utilisation of Glucose and can stimulate weight loss in people afflicted with obesity. It improves the body's metabolism of Glucose due to its incorporation into the GTF molecule. Chromium works as a deterrent and can prevent Diabetes, Heart diseases and Colon Cancer.

Athletes need Chromium for both endurance and strength. In a review it was found that increased intensity and duration training might increase Chromium excretion. Athletes who consume high-carbohydrate diets, may need more Chromium to process glucose. GTF Plus may benefit the endurance of athletes by improving Insulin sensitivity and carbohydrate metabolism during exercise. It is ideal for athletes who want to increase muscle size and strength. This may be the healthy answer to anabolic steroids.

Glucose Tolerance Polynicotinate is commonly prescribed for Type 1 and Type 2 diabetics, as it helps to regulate and stabilise blood sugar levels.

Calcium AEP is a nutritional component, which contains both the mineral calcium and Amino Ethanol Phosphate (a chemical found in the protective covering around the cell). Also known as Vitamin M1. It is essential for neurotransmission, nerve impulse generation and for muscular contractions. It is a central factor for the binding of electrolytes to the cell membrane and forming the electrical charge and polarity of cells. It will assist in recharging your cell membranes, producing more energy and counteracting a wide range of disorders.

Ginkgo Biloba Extract - research has shown that it aids in the transport of glucose to the cells and increases blood flow and oxygen to the brain. Ginkgo Biloba improves brain function, concentration and memory in all age groups.

Taurine - The brain, heart, central nervous system and skeletal muscles require Taurine to function optimally.

- Diabetics are known to have reduced levels of Taurine.
- Clinical studies highlight the beneficial effects of the use of Taurine in Diabetes, congestive heart failure and seizure disorders.
- Taurine lowers Total Serum Cholesterol levels, due to its role as a component of Sodium Taurocholate.
- Taurine improves the utilisation of sugar and potentiates the action of Insulin, thereby assisting Diabetic Mellitus Type 1.
- Taurine alleviates Arteriosclerosis.
- It normalises the electrical excitability of the cell membranes of Cardiac Muscles and enhances the contractile strength of these muscles.
- It lowers blood pressure in patients with Hypertension by suppressing Renin-Angiotensin. It usually requires four weeks of daily supplementation with Taurine before the Blood Pressure lowering effects become apparent.
- Taurine is a minor Antioxidant.
- It lowers total serum Cholesterol levels due to its role as a component of Sodium Taurocholate.

Glutamine - acts as a strong neurotransmitter and is also helpful in decreasing alcohol and sugar cravings. Glutamine increases the absorption of nutrients and is an important source of energy for those recovering from illness.

N-Acetyl-Cysteine (NAC) - Research has shown that it helps to prevent Neuropathy in Diabetes Mellitus. It also reverses abnormal blood clotting and lowers the body's levels of Lipoprotein (which is strongly implicated in Cardio-vascular diseases) by up to 70%. NAC prevents simple sugars from causing the cross-linking (Glycosylation) of the body's endogenous proteins (within the eyes and possibly in other areas of the body as well).

Deficiency diseases and symptoms:

Diseases

Diabetes
Hypoglycaemia
Heart disease
Arteriosclerosis
Blood pressure related problems

Symptoms

Fatigue
Lethargy
Obesity
Hunger between meals
Irritable or moody between meals
Getting 'shaky' when hungry
Fatigue relieved by food

Dosage:

Type I Diabetics: 1 capsule 3x daily

Type II Diabetics:

Phase 1 - 1 Capsule 3x daily for 16 weeks

Phase 2 - 1 Capsule 2x daily, continue indefinitely

Hypoglycaemia

1 Capsule 2x per day until all symptoms are not symptomatic. Maintain blood sugar levels with 1 Capsule daily.

Weight Loss

1 Capsule 3x per day until ideal weight has been attained.

Personal advice:

Suitable for Diabetics, Hypoglycaemics and athletes. GTF and Zinc Chelate compliment each other very well. Try our Chelated Zinc Gluconate Plus supplement together with GTF Plus for maximum results.

REFORM DISTRIBUTORS

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