Bio-Chrome contains the power of renowned GTF Chromium from the inventors of the U.S. patented product. Chromium supplementation may improve glucose tolerance in diabetics. It is also used to treat hypoglycemia, cardiovascular disease, glaucoma, obesity, and osteoporosis. GTF or Glucose Tolerance Factor Chromium is considered to be the most effective type of chromium available.

GTF Chromium makes it possible for insulin to attach to the cell membrane to initiate the transport of glucose into cells. It is essential for maintaining blood sugar levels and for the synthesis of glycogen from glucose rather than fat. It aids in the prevention of high levels of cholesterol and triglycerides, increases the effectiveness of insulin, and stimulates insulin production and enzymes in glucose metabolism. It decreases serum lipids, increases high-density serum lipoproteins, and builds healthy arteries.

Importance of GTF Chromium

There is scientific evidence accumulating on the importance of GTF chromium in blood-sugar and blood-lipid metabolism. There may be health hazards relating to chromium deficiencies, including diabetes mellitus and ischemic heart disease. Postpartum and multiparous (having two or more offspring at one birth) women are at significant risk for chromium deficiency, as well as diabetic children and the aging.

GTF may stimulate the production of HDL as well as facilitate the metabolism of fatty acids and cholesterol. Supplementation with GTF Chromium may be beneficial in hyperlipidemia and ischemic heart disease, as a nutritional support.

There are other areas of reported benefits from GTF supplementation

These areas include an anabolic or tissue building effect in which the protein-sparing action of a given level of plasma glucose is greater with high GTF activity. GTF chromium may also aid in weight-loss by stimulating blood sugar and blood-lipid metabolism. GTF has a stimulatory effect of insulin on the hypothalamic satiety center in high doses, which might have a useful hunger suppressant action during calorie deficit dieting.

As many as 90% of Americans don’t get enough chromium

Consuming highly processed foods reduces dietary intake of chromium as the element is destroyed during the refining process. Factors that further reduce chromium absorption include elevated simple sugars, too much vigorous work or exercise, physical trauma, and infection. Symptoms of deficiency include: glucose intolerance, impaired growth, decreased longevity, brain disorders, and decreased fertility.
Complexing makes the difference
Bio-Chrome is an organic complex of niacin and natural amino acids. Complexing chromium with these organic acids increases uptake by 60% to 100% and provides deeper cellular penetration for longer biological half-life and retention. Organic chromium is also less toxic than inorganic trivalent chromium. Bio-Chrome is made from superior ingredients and formulated to ensure optimum potency. Bio-Chrome from MBi Nutraceuticals offers the highest biological performance of a true GTF Chromium without the toxicity concerns of inorganic chromium salts.

Processing
On-site laboratories are constantly monitored and tested by expert chemists and microbiologists to ensure consistent quality of raw materials, product batches, and finished products.

Analyses are conducted to validate the product content and specifications of Bio-Chrome, assuring high quality.

FDA Drug Manufacturing Standards
MBi Nutraceuticals operates its own FDA licensed Drug Manufacturing facility. Our standard operating procedures are based on “Current Good Manufacturing Practices” as defined by the Food and Drug Administration. MBi ensures the highest quality nutraceuticals by applying our drug manufacturing procedures to every nutritional, herbal, food, homeopathic, and personal care product we make.

No Additives
This product contains no sugar, starch, salt, preservatives, artificial colors, flavors or additives, and no corn, wheat, yeast, soy, or milk derivatives.

Synergistic MBi Products
Glucostatin
Chro-Mist
Pancreas-350
Pancreas Complex

Further Reading
Crawford V., Effects of niacin-bound chromium supplementation on body composition in overweight African-American women. Diabetes Obes Metab, 1999 Nov; Vol. 1 [6], pp. 331-7; PMID: 11225649

These statements have not been evaluated by the Food & Drug Administration. This product is not intended to diagnose, treat, cure, or prevent any disease.