



Biological Therapies

Bio-Logical Chromium Forte Solution

ORAL LIQUID



Biological Therapies

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*“Chromium Forte now in a
convenient liquid form
for fast absorption”.*



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Description:

Bio-Logical Chromium Forte Solution contains non-toxic trivalent forms of Chromium as Chromium picolinate and Chromium chloride in a convenient clear liquid form. Bio-Logical Chromium Forte Solution is packaged in a tamper proof bottle together with a graduated dropper for ease of measurement.

Composition:

Each 1 mL of Bio-Logical Chromium Forte Solution contains 310 micrograms of elemental Chromium (III) as 10 micrograms of Chromium picolinate and 300 micrograms of Chromic chloride. Each 1 mL of Bio-Logical Chromium Forte Solution also contains 50 mg of elemental Magnesium as Magnesium chloride, 5 mg of elemental Zinc as Zinc chloride and 26 micrograms of elemental Selenium as Sodium selenite.

Indications:

Chromium Forte assists in glucose metabolism.

Discussion:

Chromium is essential for the efficient action of insulin. Numerous scientific studies have shown that Chromium supplementation may be useful in sugar disorders where insulin resistance occurs, and to aid glucose uptake into cells when Chromium is deficient in the diet.

Chromium aids the uptake of glucose into cells in the presence of insulin. Chromium in the body is utilized inside insulin receptive cells as part of the amino acid complex- Chromodulin. Chromodulin amplifies the effect of insulin when insulin is bound to cells, allowing glucose to enter these cells.

Zinc status is decreased in most Type 2 diabetes patients. Selenium is a major antioxidant trace element and is the co-factor of Glutathione peroxidase (Se GSHpx). Low Se GSHpx activity, observed in diabetic patients, is associated with thrombosis and cardiovascular complications.

Magnesium depletion has a negative impact on glucose homeostasis and insulin sensitivity in type 2 diabetic patients. In the USA and some European countries, plasma Magnesium concentrations have been found to be decreased in diabetics.

The combination of Chromium picolinate and Chromium chloride provides two highly absorbable forms of Chromium and two distinct methods of Chromium delivery to cells. The addition of Magnesium, Zinc and Selenium offer further support in the control of glucose metabolism and in the pathologies associated with hyperglycaemia.

Product Warning:

This product contains Selenium which is toxic in high doses. A daily dose of 100mcg of Selenium from proprietary supplements should not be exceeded.

Selenium containing products are not suitable for use by children under the age of 15 years.

Dosage:

Adult dosage: Using a dropper, take 1mL daily in a glass of water or juice, or as directed by your practitioner.

References:

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- Faure P. Protective effects of antioxidant micronutrients (vitamin E, Zinc and Selenium) in type 2 diabetes mellitus. Clin Chem Lab Med. 2003 Aug;41(8):995-8.
- Ayaz M, Can B, Ozdemir S, Turan B. Protective effect of Selenium treatment on diabetes-induced myocardial structural alterations. Biol Trace Elem Res. 2002 Dec;89(3):215-26.
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