

# Aqueous Chromium™

Supplemental chromium in a liquid form

Chromium, an ultra-trace mineral, is identified as an essential element that potentiates insulin action. Chromium is found in variable concentrations in foods, most being unprocessed fruits and vegetables. The processing of foods, especially by milling and refining techniques, results in a significant loss of trace minerals including chromium. It is thus feasible to assume that diets consisting of highly refined or processed foods are lacking in chromium. Modern agriculture methods and soil depletion of naturally occurring essential trace elements, one of which is chromium, results in food that is deficient of these trace elements.

Chromium, an essential micro-nutrient, is important as a cofactor in the regulation of insulin. In controlled studies chromium has been noted to improve the efficiency of insulin or of the blood lipid profiles of the subjects. Low chromium has adverse effects on growth, as shown by studies of populations having low chromium intake. Documented signs of chromium deficiency may include anxiety, fatigue, loss of mental acumen and unhealthy cholesterol levels. Adequate chromium is critical for proper health, growth and vitality.

To place your order for **Aqueous Chromium™** or for additional information please contact us below.



Aqueous Chromium™ is available in 0.5 fluid ounce bottles (#1729).

## Supplement Facts

Serving Size: 1 Drop (0.05 mL)

	Amount Per Serving	% Daily Value
Chromium (as trivalent chromium chloride)	150 mcg	125%

**Other ingredients:** Purified water, niacin, glycine, glutathione, potassium sorbate, sodium benzoate and methionine.

**This product is gluten and dairy free.**

**RECOMMENDATION:** One (1) drop each day as a dietary supplement or as otherwise directed by a healthcare professional.

**KEEP OUT OF REACH OF CHILDREN**

Store in a cool, dry area.

Sealed with an imprinted safety seal for your protection.

Product # 1729 Rev. 07/13



**(800) 231-5777**

6801 Biotics Research Drive • Rosenberg, TX 77471  
biotics@bioticsresearch.com • www.bioticsresearch.com

These statements have not been evaluated by the Food and Drug Administration. These products are not intended to diagnose, treat, cure, or prevent any disease.

# Aqueous Selenium™

Supplemental selenium in a liquid form

Selenium is an essential element, classified in a group of proteins called the selenoproteins, which are synthesized through the involvement of sulfur-containing amino acids and selenium. Selenium, officially recognized as an essential trace element in 1990, has been indicated to be beneficial as an immune enhancer, as a synergist to vitamin E, as a protectant against harmful exposure to heavy metals, in particular mercury, and as a co-factor for glutathione peroxidase, which acts as a coenzyme in a number of oxidation-reduction reactions. It is also particularly important in males, as a regulator of male hormones and as a supporter of prostate function. Selenium and vitamin E both play important roles in the detoxification of peroxides and free radicals.

An additional action of selenium is its integral part of the enzyme type 1 iodothyronine deiodinase, which catalyzes the deiodination of the iodothyronines. This action is notably the deiodination of thyroxine (T4) to triiodothyronine (T3), which is the most active of thyroid hormones. Selenium is also an essential element in the selenoproteins, a group of proteins whose reactions involve sulfur-containing amino acids and selenium. These are in turn joined via selenophosphate to form selenocysteine. The most widely studied selenoprotein is glutathione peroxidase, which catalyzes the reduction of various organic peroxides as well as hydrogen peroxide. The supplementation of selenium has also been studied

in the critically ill population. It has been noted that in critical illness, selenium levels decline. Supplemental selenium has been shown to significantly improve patient outcomes. This has been postulated to be due to the antioxidant effects of selenium, since the inflammatory response to critical illness leads to massive production of free radicals.



Aqueous Selenium™ is available in 0.5 fluid ounce bottles (#1728).

## Supplement Facts

Serving Size: 1 Drop

	Amount Per Serving	% Daily Value
Selenium (as sodium selenate)	95 mcg	136%

**Other ingredients:** Purified water, sodium benzoate and potassium sorbate (as a preservative).

**This product is gluten and dairy free.**

**RECOMMENDATION:** One (1) drop each day as a dietary supplement or as otherwise directed by a healthcare professional.

**KEEP OUT OF REACH OF CHILDREN**  
Store in a cool, dry area.  
Sealed with an imprinted safety seal  
for your protection.

Product # 1728 Rev. 05/13

To place your order for **Aqueous Selenium™** or for additional information please contact us below.



**(800) 231-5777**

6801 Biotics Research Drive • Rosenberg, TX 77471  
biotics@bioticsresearch.com • www.bioticsresearch.com

These statements have not been evaluated by the Food and Drug Administration. These products are not intended to diagnose, treat, cure, or prevent any disease.