CHELA-DETOX HEAVY METAL DETOXIFIER



Gogh. We now know about the dangers of metals, but many of us are complacent about the heavy metals in our own air, food and water.

Chela-Detox[™] Naturals Source is а BioAligned[™] array of natural ingredients that help the body cleanse itself of the heavy metals that we ingest on a daily basis. The targeted, effective ingredients in this formula, including EDTA, have been shown to promote the excretion of heavy metals from the body, enabling the liver to further cleanse the body of unwanted toxins.

Source Naturals presents CHELA-DETOX, a complex array of ingredients that chelate metals and help remove them from the body, a profoundly beneficial formula for your health.

Humanity's use of metals is synonymous with cultural advancement; metals have defined human eras-the Bronze Age, the Iron Age—and our mastery of metals has brought us untold benefits. But the ubiquitous presence of metals can harm us if too many of the wrong metals are ingested. For many centuries, we were unaware of the dangers of ingesting metals: consider the lead pipes used for water by the Romans, the lead-based makeup of the geishas of Japan, or even the cadmium paint used by Vincent van





Strategies for Wellness

Chelation

The natural process of chelation is fascinating. The word "chelation" comes from the root word "*chele*" which is Greek for the claw of a lobster or crab. So "chelation" refers to a grabbing action as when a lobster grabs something with its claw. For the human body, chelation is the natural process of an organic molecule "grabbing" a metal, a process that helps the body excrete the metal.

Whole Body Benefits

Cleansing the body of metals benefits the entire body. In fact, of the 12 body systems in the SystemiCare[™] health model, six systems are positively addressed by CHELA-DETOX: Liver/Detoxification, Circulation, Inflammation Response, Antioxidant Defense, Immunity, and Cognition/ Nerves.

Liver

Although the whole body benefits from CHELA-DETOX, the greatest area of benefit is the liver. As the primary organ of detoxification, the liver is exposed to a vast array of toxins. N-acetyl cysteine and silymarin support liver health by increasing glutathione content, which binds to toxins so they can be excreted from the body. Lipoic acid is also associated with increased glutathione. Betulin, a compound in white birch bark, supports the health of the liver by reducing the toxicity of cadmium on human liver cells. Calcium D-glucarate supports the

process of glucuronidation, in which foreign organic compounds, fatsoluble toxins, and excess steroid hormones like those from the estrogen families, are detoxified and excreted. Experimental results strongly indicate the protective effect of **vitamin C** and **silymarin** against lead toxicity on liver tissue. Some polyphenols in **rosemary** show activity in inducing the detoxifying enzyme glutathione S-transferase in human liver cells.

Liver/Detox: Phase 2 Detoxification

The liver detoxifies the by-products of digestion and other harmful substances through a complex series of chemical reactions often referred to as Phase I and Phase II detoxification. A number of natural compounds found in plants are recognized as potent Phase II detoxification inducers, including isothiocyanates from **wasabia** and **broccoli sprouts**, curcumin from **turmeric**, and ursolic acid from **holy basil**. **CoQ10** provides support for the production of the ATP energy required for phase II detoxification reactions.

Circulation

Clear circulation is critical for cardiovascular health. An array of ingredients has been shown in scientific studies to support the excretion of heavy metals from the bloodstream. **EDTA** is a chelating agent that binds with toxins such as lead and promotes their elimination. **Modified citrus pectin** is an oral absorbant for heavy metals. Folate and vitamins B-6 and B-12 support normal homocysteine levels in the blood to minimize its chances of reaching toxic levels. Chlorella and cilantro have received attention for their ability to detoxify.

Inflammation Response

The ursolic acid in **holy basil** may inhibit COX-II, an inflammatory enzyme. A large number of studies relate to the activity of **curcumin** as a potent inhibitor of metabolic inflammation. **Green tea, garlic, rosemary** and **silymarin** have also been shown to support normal inflammation response.

Immunity

The immune system is exposed to free radicals, from both environmental and internal sources, which cause oxidative stress that can impact immune system function. Vitamin C and other natural antioxidants including garlic, turmeric extract, green tea extract, and olive leaf extract are key factors that boost the body's immune system.

Antioxidant Defense

Many plants contain biological molecules that offer critical protection against the onslaught of free radicals in our toxic environment. **Olive leaf** is a source of oleuropein, which may protect cells from oxidation by supporting glutathione production. Epigallocatechin gallate (**EGCG**) is the most prevalent antioxidant in green tea and is well-researched for its ability to protect cells from oxidation. **Lipoic acid** acts as an antioxidant in both fat- and water-soluble cellular regions. **Rosemary leaves** contain antioxidant compounds such as phenolic diterpines, phenolic acids, and flavonoids.

Cognition/Nerves

The brain and central nervous system are impacted by the presence of heavy metals. In preliminary animal research, **N-acetyl cysteine** efficiently mobilized methyl mercury from brain tissue. **Curcumin** has also been shown in preliminary animal research to protect hippocampal brain cells as well as to directly chelate these metals. **Thiamin** is essential for the formation of acetylcholine, a major neurotransmitter.

EDTA Cleansing

Among all of the ingredients in CHELA-DETOX, one of the newest and most fascinating is EDTA (ethylenediamine tetraacetic acid), an amino acid. EDTA is a chelating agent that binds divalent and trivalent metal ions, which are then excreted in the urine. EDTA has been shown to have a particular affinity for lead while having less attraction to essential metals such as zinc, calcium and magnesium. EDTA acts alongside a wide variety of vitamins and nutrients for highly sophisticated, highly effective health benefits.

Chela-Detox[™] is a Bio-Aligned[™] Formula for Heavy Metal Detoxification

Circulation:	Chlorella, Cilantro, Coenzyme Q10, EDTA, Garlic, Modified Citrus Pectin, Shilajit, Folic Acid, Folinic Acid, Methylcobalamin, Vitamin B-6
Liver/Detox: Hepatoprotection:	Betula Bark, Calcium D-Glucarate, Milk Thistle (Silymarin), N-Acetyl Cysteine, R-Lipoic Acid, Rosemary, Turmeric, Vitamin C
Liver/Detox: Hepatoprotection:	Broccoli Sprouts, Coenzyme Q10, Holy Basil, Turmeric, Wasabia
Inflammation Response:	Garlic, Green Tea, Holy Basil, Milk Thistle (Silymarin), Rosemary, Turmeric
Immunity:	Broccoli Sprouts, Coenzyme Q10, Garlic, Green Tea, Milk Thistle (Silymarin), Olive Leaf, Rosemary, R-Lipoic Acid, Turmeric, Vitamin C.
Antioxidant Defense:	Coenzyme Q10, Green Tea, Milk Thistle (Silymarin), Olive Leaf, R-Lipoic Acid, Rosemary, Turmeric, Vitamins C and E.
Cognition/Nerves:	N-Acetyl Cysteine, Thiamine, Turmeric

Suggested Use and Dosage

- 1st Cycle: 1 tablet 2 times per day for 5 days then 9 days off.
- 2nd Cycle: 2 tablets 2 times per day for 5 days then 9 days off.
- 3rd Cycle: 3 tablets 2 times per day for 5 days then 30 days off.

It is critical to supplement with a multimineral including calcium, iron, magnesium, zinc and selenium such as Source Naturals[®] Life Minerals[™] during off days.

Welcome to the Wellness Revolution

Source Naturals invites you to become a champion of your own well-being by taking an active role in your health care. A tremendously important step is to help your body clear itself of harmful substances such as metals and toxins, enabling you to better enjoy vibrant health.



References

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To learn more about Source Naturals Bio-Aligned[™] Formulas, visit our website, www.sourcenaturals.com, or look for the Bio-Aligned Chart Book at participating health food stores.



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

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