



OPTIMUM CHOICES, LLC
Healthy choices for people and pets

Leukemia and Bio-algae concentrates

(excerpted from <http://www.themagicisbio-algae concentrates.com/>)

Bio-algae concentrates for vitality and intestinal health

Bio-algae concentrates have been shown to be quite effective for people suffering from **leukemia**, anemia (blood deficiencies), poor spleen function, weak digestive absorption, chronic fatigue, and other similar "lack of vitality" disorders.

If you or someone you know is anemic, has low blood pressure, suffers from dizziness, or shows obvious signs of lack of vitality (such as having infrequent bowel movements), then bio-algae concentrates is something that I strongly recommend be considered. Within a short period of time, most people find that it builds vitality, improves digestion, enhances energy, improves mental clarity, and basically helps people regain their youthful energy and start rebuilding the strength of organs and tissues.

(<http://www.themagicisbio-algae concentrates.com/page14-00.html>)

Bio-algae concentrates fights and helps heal:

Depression, arthritis and joint problems, allergic and skin diseases, fibromyalgia, asthma, pancreas problems, diabetes, thyroid imbalance, intestinal problems, high cholesterol, anemia, cardiovascular problems, **leukemia**, and cancer.

(<http://www.themagicisbio-algae concentrates.com/page35-00.html>)

Bio-algae concentrates Safety and Success:

Bio-algae concentrates is the result of hundred of clinical tests and practical applications. Bio-algae concentrates was used successfully with hundred of children and adults affected with cancer, **leukemia** and other serious maladies in the Ukraine, at Chernobyl, and in Canada. With bio-algae concentrates, there are no dangers of overdose, and any known adverse side effects or drug interactions. Compare this to the nearly 100,000 annual deaths in the USA alone, from prescription drugs taken as prescribed.

(<http://www.themagicisbio-algae concentrates.com/page35-00.html>)

What is so good about the chlorophylls in Bio-algae concentrates?

Algae contained in bio-algae concentrates are the richest source of chlorophylls on planet Earth. Bio-algae concentrates' most visible pigments are chlorophylls. There is nothing more cleansing

and detoxifying than chlorophyll. And people who follow Western diets (high in processed foods and animal foods) are in desperate need of cleansing and detoxifying.

Chlorophylls release ions when struck by the energy of sunlight. These free ions proceed to stimulate the biochemical reactions that form proteins, vitamins and sugars.

It is believed that if chlorophyll is ingested with sufficient iron, the magnesium can be displaced to yield a hemoglobin molecule. Experiments in Japan and Russia have demonstrated that algae have a marked positive effect on **leukemia** and anemia, possibly due to the conversion of chlorophyll into hemoglobin. Of course, the high nutrient density of Spirulina alone, especially the blood-building vitamins B12 and folic acid and the amino acids, are also useful in treating cases of anemia.

Chlorophyll has other positive benefits to the body. It increases peristaltic action and thus relieves constipation, and also normalizes the secretion of digestive acids. It soothes the inflammation and reduces the excess pepsin secretion associated with gastric ulcers. (<http://www.themagicisbio-algae-concentrates.com/page10-00.html>)

ANTI VIRAL

AIDS/HIV - Inhibition of HIV-1 replication by an aqueous extract of spirulina

(**Arthrospira platensis**) - Ayehunie S.1, Belay A.2, Hu Y.1, Baba T.1,3, Ruprecht R.1

1 - Laboratory of Viral Pathogenesis, Dana-Farber Cancer Institute and Harvard Medical School, Boston, MA, USA.

2 - Earthrise Farms, Calipatria, CA, USA.

3 - Division of Newborn Medicine, Department of Pediatrics, Tufts University, Boston, MA, USA.

Water extract of spirulina strain Platensis (*Arthrospira platensis*) inhibits HIV-1 replication in human derived T-cells and in human peripheral blood mononuclear cells. A concentration of 5-10 mcg/ml was found to reduce viral production and/or syncytium formulation of about 50 %, and a concentration of 100 mcg/ml show a 90-100 % inhibition without cytotoxicity. The 50 % inhibitory concentration (IC50) for cell growth was computed to be between 2-6.5 mg/ml depending on the cell types used; the therapeutic index was >100. The extract also blocked Rauscher murine **leukemia** virus (RL V)-induced plaque by 95 % at concentrations ranging from 75-150 mcg/ml. The 50 % reduction in plaque formation (50 % effective concentration or EC50) was at a concentration of 9-30 mcg/ml. The extract directly inactivated HIV-1 infectivity when preincubated with virus prior to addition with human T-cell lines at similar inhibitory concentrations.

HERPES - An extract from spirulina is a selective inhibitor of Herpes Simplex virus type 1 penetration into Hela cells - Hayashi et al. 1993. Published in *Phytotherapy Research*, Vol. 7, p. 76-80, Japan The water-soluble extract of spirulina achieved a dose-dependent inhibition of the replication of Herpes Simplex virus type 1 (HSV-1) in Hela cells within the concentration ranges of 0.08-50 mg/ml. This extract proved to have no virucidal activity and did not interfere with adsorption to host cells. However, the extract affected viral penetration in a dose-dependent

manner. At 1 mg/ml the extract was found to inhibit virus-specific protein synthesis without suppressing host cell protein synthesis if added to the cells 3 hours before hamsters at doses of 100 and 500 mg/kg a day.

AIDS antiviral sulfolipids from cyanobio-algae concentratesteria (blue green algae) -K. Gustafson et al. August 16, 1989. Published in the journal of the National Cancer Institute, Vol. 81(16) p. 1254, USA. Sulfoglycolipids from blue green algae exhibit strong antiviral properties. Helper T-cells exposed to blue green algae sulfoglycolipids were protected from HIV-1 infection in vitro studies. Beta-carotene, Cancer Prevention and Health Improvement (<http://www.themagicisbio-algae concentrates.com/page60-00.html>)

He rolled up his eyes

*"I just wanted to share with you real quick some great news. I got my mother in law on the F3 because she has **leukemia**. Her doctor wanted to put her on all this medicine for her rising cholesterol and white blood cells. She told him to wait one month and she would get blood work again and they could go from there. Just after one month with the F3 (she did not change anything else) her levels all dropped.*

Total cholesterol 258 to 185!

Tryglicerides 223 to 135!

Bad cholesterol 163 to 112!

White cell count went bio-algae concentrates to normal!

The doctor asked her what meds he put her on, thinking he forgot to write it in her chart. Smiling bio-algae concentrates she said "none", and proceeded to tell him about the supplement. He just rolled up his eyes, even after seeing her results in the blood work! Go figure, maybe some day he'll choose to look into it for his clients.

I just wanted to thank you for such an amazing product. It has also helped tremendously with my Newfoundland who has kidney disease.

Thanks!"

—Shannon, Taylor, Paws & Claws

Breckenridge, Colorado, February 2007

(<http://www.themagicisbio-algae concentrates.com/page52-00.html>)

These results are individual testimonies. We cannot guarantee your results will be the same. Since each individual body responds differently to the super nutrition in bio-algae concentrates? Bio-algae concentrates your results will be different. These statements have not been evaluated by the FDA. This information is not intended to diagnose, treat, prevent or cure any disease.

Bio-algae concentrates have no advertised ingredients that specifically address leukemia. And yet look at the research and results customers are reporting. How did bio-algae concentrates accomplish this feat? It did not. Bio-algae concentrates simply supplied the body with the super nutrients of Omega 3, 6, 9 and GLAs (gamma linolenic acid), over 4,000 enzymes, 20 amino acids, Vitamins A, B vitamin complex, C, D, E, K, phytonutrients, chlorophyll, super antioxidants and thousands of other nutrients so the body could naturally and holistically boost

up and normalize from within. Bio-algae concentrates are such a revolutionary product (concept) it is 100 years ahead of its time. Now that is true holistic wellness!