



NATURAL SOLUTIONS

Clinical Kinesiology, Acupuncture, & (w)Holistic Healthcare

Susan L. Levy, D.C., DABCO, FIACA

Author of *Your Body Can Talk* & *Your AGING Body Can Talk*

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Chlorophyll Complex™

2275 60 Softgels | 2325 240 Softgels



DETOX & LIVER

- Chlorophyll Complex™ helps support the body's detoxification mechanisms.*
- Vitamin A is involved in the body's normal immune function and in maintaining healthy skin*

Warning: If pregnant or nursing, or have any health condition, consult your health care professional before using this product. Keep out of reach of children.

Supplement Facts

Serving Size: 2 Softgels
Servings per Container: 30

	Amount per Serving	%Daily Value
Calories	5	
Vitamin A (as Beta-Carotene)	40 mcg RAE	4%
Proprietary Blend	780 mg	†
Organic sesame seed oil, fat soluble extract from alfalfa (leaf) and sunflower seed, sunflower lecithin, organic buckwheat (aerial parts), Spanish moss (<i>Tillandsia usneoides</i>), organic pea vine (aerial parts) juice powder, and organic carrot.		

†Daily Value not established.

Other Ingredients: Gelatin, water, and glycerine.

Contains: Sesame.

Chlorophyll & Detoxification

The human body is confronted by a variety of toxic compounds that range from heavy metals to metabolites produced by microorganisms in food and agricultural products. The environment also contains many different types of toxins. There are toxicants from heavy metals as well as microorganisms in foods and agricultural products that produce their own toxins.¹⁻⁴ These toxic compounds can bio-accumulate upon consumption, which has been associated with negative outcomes that include cognitive and liver health challenges.^{3,4}

Detoxification is the body's natural process to rid itself of potentially harmful compounds in three steps. The body 1) activates, 2) conjugates, and 3) excretes toxic compounds through urine and bile.⁵

Several nutrients and bioactive compounds have been found to support the body's natural detoxification mechanisms, including chlorophyll. Chlorophyll is a pigment component found in the cell wall of plants that is important for the absorption of sunlight and its conversion into chemical energy for the plant.

Data from in vivo and in vitro studies indicate that chlorophyll may support the detoxification of common toxins. These include dioxin, heterocyclic amines, polyaromatic hydrocarbons, and aflatoxin.⁶ Chlorophyll aids in the detoxification of these compounds through several mechanisms. It may directly induce phase II enzymes, including NADPH:quinone oxidoreductase 1, as well as indirectly promote phase II enzyme activity by limiting epigenetic modifications that would inhibit their activity.⁶⁻⁸ Additionally, the structure of chlorophyll enables the direct adsorption of certain substances, thereby supporting phase III elimination.^{7,9}

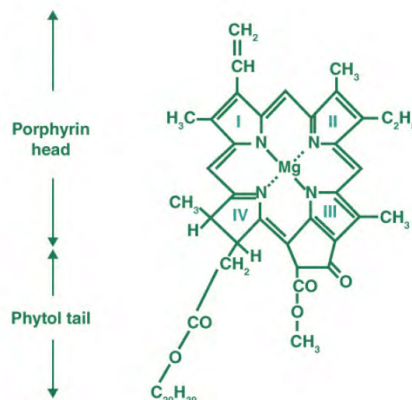


FIGURE 1: Chlorophyll Structures Supports Adsorption

Gluten-Free products have been tested to verify they meet the regulations associated with the United States Food and Drug Administration's gluten-free labeling. Non-Dairy products have been formulated to not contain milk or milk-derived ingredients. Non-Soy products have been formulated to not contain soy or soy-derived ingredients.

Standard Process®
WHOLE FOOD NUTRIENT SOLUTIONS



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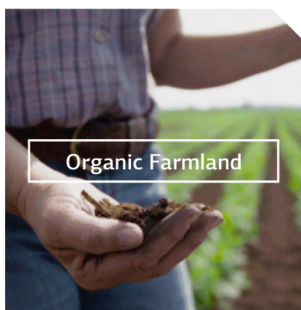
Vitamin A: Immune Function and Healthy Skin

Vitamin A is important for a healthy immune response due to its role in cell differentiation and proliferation.¹⁰ It also can affect immune cell function by stimulating the growth and differentiation of natural killer cells along with T and B lymphocytes.¹⁰

The skin is an important component of immune defenses, providing a physical barrier from the external environment and contributing to both innate and

adaptive immunity.¹⁰ Vitamin A helps maintain healthy skin by controlling the expression of genes involved in the maintenance of epithelial skin cell function, including genes that encode for keratin.¹¹ Vitamin A also plays an important role in regulating cell proliferation and differentiation of skin epithelial cells and maintaining proper functioning of epithelial barriers.^{11,12}

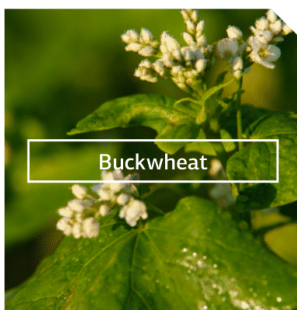
A serving of Chlorophyll Complex™ (2 softgels) contains 40µg RAE (retinol activity equivalents) — 4% of daily value (DV) for vitamin A. In a daily dose (6 softgels), this equates to 13% DV for vitamin A.



Organic Farmland



Pea vine



Buckwheat

We regularly grow the organic pea vine and buckwheat used in Chlorophyll Complex™ on the Standard Process organic farm.

Since 1929,
Standard Process
has been changing
lives with our whole
food philosophy.

REFERENCES

1. Chung, R.T.M. (2017). *Environ Sci Pollut Res Int*, 24(10):8946.
2. Knize, M.G., et al. (1994). *Food Chem Toxicol*, 32(7):595.
3. Song, Q., Li, J. (2015). *Environ Pollut*, 196:450.
4. Zain, M.E. (2011). *J Saudi Chem Soc*, 15(2):129.
5. Hodges, R.E., Minich, D.M. (2015). *J Nutr Metab*, 2015:760689.
6. Zhong, S., Bird, A., Kopec, R.E. (2021). *Mol Nutr Food Res*, 65(7):2000761.
7. Hayes, M., Ferruzzi, M.G. (2020). *Nutr Res*, 81:19.
8. Yang, M., et al. (2015). *Environ Toxicol Pharmacol*, 40(3):758.
9. Mishra, V.K., Bachheti, R.K., Husen, A. (2011). In: *Chlorophyll: Structure, Function and Medicinal Uses*, Hua Le and Elisa Salcedo, Eds., Nova Science Publishers, Inc., Hauppauge, NY 11788, pp.177-196.
10. Lai-Cheong, J.E., McGrath, J.A. (2013). *Medicine*, 41(6):317.
11. Trumbo, P., et al. (2001). *J Am Diet Assoc*, 101(3):294.
12. McCullough, F.S., Northrop-Clewes, C.A., Thurnham, D.I. (1999). *Proc Nutr Soc*, 58(2):289.

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*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.

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