

B9 + B12 Methylfolate plus Methylcobalamin

This dual formula features the active forms of folate (5-MTHF) and vitamin B12. 5-MTHF is a more bioavailable form than standard folic acid and folate, even by those with metabolic differences and altered gastrointestinal pH.

- ✓ Helps support normal early fetal development
- ✓ Supports cardiovascular and neurological health
- ✓ Helps produce red blood cells
- ✓ Sublingual tablet and suitable for vegetarians

B12 Methylcobalamin & Dibenzozide

This unique formula provides a dynamic duo of the two superior forms of B12. Dibenzozide is the major active form of vitamin B12 in mitochondria (the powerhouses of every cell) and is essential for energy metabolism.

Methylcobalamin is the major active form of vitamin B12 in blood and is essential for the formation of red blood cells, intracellular metabolism, the synthesis of nucleic acid which controls growth and cellular division, and for healthy brain and nerve development in childhood.

- ✓ Helps in the normal function of the immune system
- ✓ Essential for the formation of myelin, the fatty protective sheath around nerves
- ✓ Sublingual tablet and suitable for vegetarians/vegans



ISURA Certified

Even when you grow certified organic non-GMO plants, it is important to test for GMOs and hundreds of other unwanted contaminants.

We excel at making sure that every possible test has been conducted to ensure you receive the safest, most beneficial products possible.

In our state-of-the-art laboratories, we use advanced mass spectrometry techniques to test for over 600 contaminants. Mass spectrometry can test at the molecular – even atomic – level, detecting environmental pollutants such as pesticides, herbicides, and fungicides, as well as heavy metals and other undesirable substances.

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Available at natural health food stores throughout North America.

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Please note: The information in this pamphlet is for your interest only. It is in no way intended to diagnose, recommend, or advise. Please consult your personal medical or natural health care practitioner on any matters concerning your well-being.

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Where Great Health Begins

EnviroSimplex® processed plant extracts

BioCoenzymated™ B Vitamins

The most metabolically active form of B vitamins, for direct use by the body



ACTIVE SUPPORT FOR ENERGY METABOLISM

The benefits of coenzymes

Reasons to supplement with B vitamins abound, but it can be overwhelming trying to pick the right brand. Since not all B vitamins are created equally, how do you choose?

The most important consideration is bioavailability. B vitamins come in numerous forms, and standard forms need to undergo a series of conversions in your body to be used. Unfortunately, many people are unable to make these conversions. In fact, many have genetic variations that prevent them from benefitting from standard B vitamin supplements. For instance, up to 67% of the population can't convert folic acid to its active form!

Coenzymated B vitamins are metabolically active forms ready for immediate and direct use –

no need for conversions or risk having a genetic variation! Also, your body needs less to achieve the same benefit as their non-active counterparts.

BioCoenzymated The next generation of B vitamins

Natural Factors offers a line of coenzymated B vitamins, and takes it one step further with BioCoenzymated. Using our proprietary EnviroSimplex® technology, we've created a unique biocoenzymated process using **organic, farm fresh plant extracts from whole food sources, many of which are from Factors Farms®***, and the coenzyme form of B vitamins. The synergy between the phytochemicals found in these plant extracts and the coenzyme B vitamin optimizes absorption.

Farm Fresh Factors™ Ingredients

***Active Vegetables** – organic kale, organic alfalfa, organic cilantro leaf, organic parsley, caperberry, sprouted garlic, organic artichoke, organic black radish, organic dandelion, barley grass, pepper, organic celery seed, organic beetroot, organic tomato; **Cruciferous Vegetables** – A broad spectrum of fully active glucosinolates and myrosinase enzymes from wasabi rhizome (*Wasabia japonica*) and fresh freeze-dried sprouted broccoli, organic upland cress, daikon, red radish, organic cauliflower, organic cabbage, organic arugula, organic watercress leaf; **Ultra Fruit Polyphenols** – grape, pomegranate, strawberry, organic cranberry, organic blueberry, raspberry, bilberry, organic Indian gooseberry, schizandra berry, red orange, organic açai berry; **Herbals and Plants** – Theracurmin® curcumin, organic decaffeinated green tea extract, organic ginger rhizome, organic echinacea, organic oregano, organic peppermint, organic spearmint; **Whole Plant Sea Vegetables** – organic spirulina, organic chlorella, red algae, blue green algae, kelp.

The BioCoenzymated family of products

Featuring eight essential B vitamins alongside choline and inositol. These comprehensive one-per-day therapeutic formulas offer balanced ratios of the most metabolically active forms of vitamins B1, B2, B6, B12, and folate (5-MTHF) for synergistic support.

Active B Complex

- ✓ Aids nutrient metabolism, to support energy production in the body
- ✓ Helps support normal growth and development
- ✓ Helps in the normal function of the immune system

Active B Complex Ultra Strength

- ✓ All the same benefits of Active B Complex
- ✓ Includes BioPQQ® to complement the action of B vitamins
- ✓ Both Active B Complex formulas are suitable for vegetarians/vegans

B1 Benfotiamine plus Thiamine Diphosphate

Benfotiamine is a superior source of thiamine as it provides 3.6 times the bioavailability of thiamine hydrochloride.

- ✓ A critical coenzyme in glucose metabolism
- ✓ Supports the healthy function of nerves in individuals with polyneuropathy
- ✓ Protects the body against advanced glycation end products (AGEs)
- ✓ Suitable for vegetarians/vegans

B2 Riboflavin 5'-phosphate

Riboflavin 5'-phosphate (R5P) is involved in most cellular enzymatic processes. It is vital for the synthesis, conversion, and recycling of niacin, folate, vitamin B6, and homocysteine, and has direct antioxidant properties.

- ✓ Converts carbohydrates, fats, and protein into energy
- ✓ Helps produce hemoglobin and detoxification enzymes
- ✓ Essential for fatty acid metabolism in the brain
- ✓ Suitable for vegetarians/vegans

B5 Pantethine

Pantesin® is a high-quality, pharmaceutical-grade form of pantethine with an impressive portfolio of over 35 years of clinical research.

- ✓ Helps lower total and LDL cholesterol levels
- ✓ Converts carbohydrates, fats, and protein into energy
- ✓ Supports adrenal function

B6 Pyridoxal 5'-phosphate

Pyridoxal 5'-phosphate (P5P) is a coenzyme in over 140 reactions in human metabolism, and is needed to support energy metabolism, the nervous system, skin, mucous membranes, and red blood cell production.

- ✓ Helps synthesize important neurotransmitters, such as dopamine, GABA, and serotonin for cognition and emotional well-being
- ✓ Supports nervous and cardiovascular system function
- ✓ May help alleviate premenstrual symptoms
- ✓ Suitable for vegetarians/vegans

