

Ultrplex Multi Powder



Clinical Applications

- Basic "Insurance" Formula for Wellness*
- Supports Antioxidant Protection*
- Supports Detoxification*
- Supports Health in Individuals with Poor Nutrient Intake*
- Supports Individuals with Stressful Lifestyles*

*Ultrplex Multi Powder is a high-quality, hypoallergenic multivitamin formula designed to help meet the daily nutritional needs of children and adults. The formula's delicious, natural fruit punch flavor and its powdered form make it easy to use. It features natural and activated forms of vitamins, such as beta-carotene, cholecalciferol, folate as 5-MTHF (5-methyltetrahydrofolate), and B12 as methylcobalamin as well as patented Albion® chelated mineral complexes. The activated nutrient profile supports vitamin/mineral synergistic activity; antioxidant protection with vitamins C and E, selenium, and carotenoids; healthy immune activity; cellular metabolism; and detoxification.**

All Elevation Ultrplex Formulas Meet or Exceed cGMP Quality Standards

Discussion

Good nutrition is a basis for wellness, and good nutrition usually translates into a stronger immune system and better health. An important aspect of good nutrition is micronutrition (vitamins and minerals).^[1-4] Micronutrients participate in converting food into energy; building and repairing tissues and DNA; manufacturing neurotransmitters, hormones, and other modulators in the body; breaking down and detoxifying xenobiotics and medications; and maintaining growth, reproduction, and health.*

According to research by the USDA and other organizations, Americans are lacking key micronutrients.^[5-8] Mass food production, storage techniques, poor food choices, and nutrient-depleting preparation methods may contribute to inadequacies. Nutrient intake data from a representative sample of the US population aged 2 years and older indicate that vitamins A, D, E, C, and folate, calcium, and magnesium are underconsumed relative to the estimated average requirements (EARs). What's more, some functional medicine practitioners believe that the recommended intakes (e.g., %DV, DRIs, EARs, RDAs) may not meet the requirements of all individuals, especially the chronically ill. The bottom line is that children and adults are not consuming enough nutrient-rich foods to meet all their most basic vitamin and mineral needs.*^[6]

There are numerous reasons to select Ultrplex Multi Powder:

Complete, Minus Copper and Iron This formula features a wide variety of important nutrients in significant amounts, including calcium and magnesium, vitamins C and E, bioactive folate, B complex, beta-carotene, and trace elements. Ultrplex Multi Powder provides the option to add copper and/or iron only when needed, such as when indicated by laboratory testing.*

Bioavailability The micronutrients are provided in forms that can be optimally absorbed and utilized. Ultrplex Multi Powder contains a full complement of Albion® patented mineral chelates and complexes. Albion is a recognized world leader in mineral amino acid chelate nutrition and manufactures highly bioavailable minerals that are validated by third-party research and clinical studies.* Not only does this formula contain natural vitamin E, which has been proven to be up to 100% more bioavailable than synthetic dl-alpha-tocopherol, but it also provides mixed tocopherols to more closely approximate how vitamin E occurs naturally in whole foods.^[9,10] Folate is provided as 5-methyltetrahydrofolate (5-MTHF), the most bioactive form of folate.^[11] This formula features 5-MTHF as Quatrefolic®, which is proven to have greater stability, solubility, and bioavailability when compared to the calcium salt form of 5-MTHF.^[12] Vitamin B12 is provided as MecobalActive™. This patented form of methylcobalamin has very high purity; no harmful solvents are used in its production.^[13] Vitamins B2 and B6 are also provided in activated forms.*

Energy Production Ultrplex Multi Powder provides generous levels of B vitamins, which serve as prime coenzymes in glycolysis and oxidative phosphorylation (steps in energy production) and as cofactors in amino acid and lipid metabolism. The balanced presence of B vitamins is essential to their cooperative functioning and excellent for growing children as well as adults with stressful lifestyles.*

Antioxidant Protection Vitamins E and C; selenium; zinc; lemon bioflavonoids; mixed carotenoids, including alpha- and beta-carotene, gamma-carotene, and lycopene; and trace elements provide broad-spectrum antioxidant activity. The combination of these nutrients provides broad spectrum intra- and extracellular antioxidant support.*

Detoxification Support Xenobiotics, including environmental pollutants and medications, must undergo biotransformation into molecules that can be easily excreted from the body. Artificial colors and flavors, additives, preservatives, and pesticides all increase demands on the body's detoxification processes, which require vitamins and minerals. There are significant levels of bioavailable riboflavin, niacin, folate, and B12 present in these formulas to support phase I detoxification. Beta carotene, vitamin C, tocopherols, selenium, and zinc are present to protect tissues from reactive intermediates formed between phase I and phase II detoxification.*

***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.**

Ultrplex Multi Powder



Supplement Facts

Serving Size 2 Scoops about 6.1 g
Servings Per Container About 60

	Amount Per Serving	%DV for Children 1 through 3 Years of Age	%DV for Adults and Children 4 or more Years of Age
Calories	20		
Total Carbohydrate	4 g	3%†	1%†
Vitamin A 600 mcg 76%) as retinyl palmitate and 190 mcg 24%) as natural beta-carotene and alpha-carotene)	790 mcg	263%	88%
Vitamin C ascorbic acid)	600 mg	4,000%	667%
Vitamin D3 cholecalciferol)	40 mcg 1600 IU)	267%	200%
Vitamin E as d-alpha tocopheryl succinate)	100 mg	1,667%	667%
Thiamin as thiamine HCl)	12.5 mg	2,500%	1,042%
Riboflavin as riboflavin and riboflavin 5'-phosphate sodium)	10 mg	2,000%	769%
Niacin as niacinamide)	20 mg	333%	125%
Vitamin B6 as pyridoxine HCl and pyridoxal 5'-phosphate)	5 mg	1,000%	294%
Folate as 6S]-5-methyltetrahydrofolic acid, glucosamine salt) ^{§1}	680 mcg DFE	453%	170%
Vitamin B12 as methylcobalamin)	100 mcg	11,111%	4,167%
Biotin	300 mcg	3,750%	1,000%
Pantothenic Acid as d-calcium pantothenate)	50 mg	2,500%	1,000%
Choline as choline dihydrogen citrate)	30 mg	15%	5%
Calcium as calcium citrate malate) ^{‡2}	100 mg	14%	8%
Iodine as potassium iodide)	150 mcg	167%	100%
Magnesium as dimagnesium malate) ^{‡2}	125 mg	156%	30%
Zinc as zinc bisglycinate chelate) ^{‡2}	15 mg	500%	136%
Selenium as selenium glycinate complex) ^{‡2}	100 mcg	500%	182%
Manganese as manganese bisglycinate chelate) ^{‡2}	0.5 mg	42%	22%
Chromium as chromium nicotinate glycinate chelate) ^{‡2}	125 mcg	1,136%	357%
Molybdenum as molybdenum glycinate chelate) ^{‡2}	100 mcg	588%	222%
Sodium	45 mg	3%	2%
Potassium as potassium glycinate complex) ^{‡2}	66 mg	2%	1%
Natural Mixed Tocopherols	140 mg	**	**
Lemon Bioflavonoids from <i>Citrus x limon</i>) peel)	60 mg	**	**
Inositol	15 mg	**	**
Natural Mixed Carotenoids Typical Composition	2.59 mg	**	**
Beta-Carotene	1.85 mg	**	**
Alpha-Carotene	925 mcg	**	**
Gamma-Carotene	9.25 mcg	**	**
Lycopene	2.8 mcg	**	**
Boron as bororganic glycine) ^{‡2}	750 mcg	**	**
Vitamin K2 as menaquinone-7)	30 mcg	**	**

†Percent Daily Values are based on a 2,000 calorie diet.

‡Percent Daily Values are based on a 1,000 calorie diet.

** Daily Value (DV) not established.

Other Ingredients Beet juice concentrate color), natural flavors, citric acid, stevia leaf extract, malic acid, and sea salt.



Quatrefolic

S1. Quatrefolic is a registered trademark of Gnosis S.p.A. Produced under U.S. patent 7,947,662.



S2. Albion, DimaCal, TRAACS and the Albion Gold Medallion are registered trademarks of Albion Laboratories, Inc.

Directions

Children 1-3: a half scoop twice daily; **children 4 or more:** one scoop twice daily; **adults:** three to four scoops divided into two daily doses. Mix thoroughly in 8 oz of water and consume, or use as directed by your healthcare practitioner.

Consult your healthcare practitioner prior to use. Individuals taking medication should discuss potential interactions with their healthcare practitioner. Do not use if tamper seal is damaged.

Does Not Contain

Wheat, gluten, yeast, soy protein, dairy products, fish, shellfish, peanuts, tree nuts, egg, ingredients derived from genetically modified organisms (GMOs), artificial colors, artificial sweeteners, or artificial preservatives.

References

- Ames BN. A role for supplements in optimizing health: the metabolic tune-up. *Arch Biochem Biophys*. 2004 Mar 1;423(1):227-34. [PMID: 14989256]
- Ward E. Addressing nutritional gaps with multivitamin and mineral supplements. *Nutr J*. 2014 Jul 15;13:72. [PMID: 25027766]
- Block G, Jensen CD, Norkus EP, et al. Usage patterns, health, and nutritional status of long-term multiple dietary supplement users: a cross-sectional study. *Nutr J*. 2007 Oct 24;6:30. [PMID: 17958896]
- Lam LF, Lawlis TR. Feeding the brain - The effects of micronutrient interventions on cognitive performance among school-aged children: A systematic review of randomized controlled trials. *Clin Nutr*. 2016 Jun 23. [PMID: 27395329]
- Moshfegh AJ, Goldman JD, Ahuja JK, et al. U.S. Department of Agriculture, Agricultural Research Service. What we eat in America, Nhanes 2005-2006. Usual nutrient intakes from food and water compared to 1997 dietary reference intakes for vitamin D, calcium, phosphorus, and magnesium. http://www.ars.usda.gov/SP2UserFiles/Place/12355000/pdf/0506/usual_nutrient_intake_vitD_ca_phos_mg_2005-06.pdf Published July 2009. Accessed September 22, 2016.
- Fulgoni VL 3rd, Keast DR, Bailey RL, et al. Foods, fortificants, and supplements: Where do Americans get their nutrients? *J Nutr*. 2011 Oct;141(10):1847-54. [PMID: 21865568]
- Milk Processor Education Program. What America's Missing: A 2011 Report on the Nation's Nutrient Gap. <https://milklife.com/articles/nutrition/what-americas-missing>. Accessed September 23, 2016.
- Alexy U, Libuda L, Mersmann S, et al. Convenience foods in children's diet and association with dietary quality and body weight status. *Eur J Clin Nutr*. 2011 Feb;65(2):160-66. [PMID: 21139631]
- Kiyose C, Muramatsu R, Kameyama Y, et al. Biodiscrimination of alpha-tocopherol stereoisomers in humans after oral administration. *Am J Clin Nutr*. 1997 Mar;65(3):785-89. [PMID: 9062530]
- Burton GW, Traber MG, Acuff RV, et al. Human plasma and tissue alpha-tocopherol concentrations in response to supplementation with deuterated natural and synthetic vitamin E. *Am J Clin Nutr*. 1998 Apr;67(4):669-84. [PMID: 9537614]
- Venn BJ, Green TJ, Moser R, et al. Comparison of the effect of low-dose supplementation with L-5-methyltetrahydrofolate or folic acid on plasma homocysteine: a randomized placebo-controlled study. *Am J Clin Nutr*. 2003 Mar;77(3):658-62. [PMID: 12600857]
- Crossover Comparative Bioavailability Study of 5-Methyltetrahydrofolate Glucosamine Salt (GN10G) Compared to the Reference Metafolin® in Healthy Volunteers. IPAS-5MTHFA-583-09 final report. Desio, Italy: Gnosis S.p.A.; March 15, 2010: 1-33. [available from the manufacturer Gnosis S.p.A. upon request]
- Sallares J, Petschen I, Camps X, inventors; Ferrar Internacional, S.A., applicant. Process for the production of methylcobalamin. International publication number [English] WO 2006100059 A1. September 28, 2006.

***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.**