

FUNCTIONALAB

BEAUTY NUTRITION

Infinity Mix

Aging defense*

DESCRIPTION

A balanced formulation designed to optimize functioning of the body through the aging process.*

FUNCTIONS

Functionalab Infinity Mix was created to offer optimal nutrition to support the body through the normal aging process. This mix offers the health benefits of a bioactive multivitamin to optimize nutrients intake. A carefully balanced multivitamin provides the essential nutrients for optimal health and also delivers potent antioxidants to support the body through aging. Additional antioxidants are offered to fight free radical attacks that may be responsible of premature aging, including lipoic acid which is unique among biological antioxidants because it is soluble in both water and lipids. Essential fatty acids EPA and DHA play an important role in supporting the body's normal inflammatory processes, and some studies have shown that they may play an important role in cardiovascular health. Additional 1,000 mg of vitamin C is offered as a strong antioxidant and also as an essential tool for the synthesis of collagen and glycosaminoglycans, the building material of all connective tissues (skin, blood vessels, tendons, joint cartilages, and bones) and essential for normal aging process. Vitamin E is one of the most important antioxidant nutrients, protecting cell from oxidative and free radical damage. Related to its antioxidant properties, vitamin E is important for normal immune function, helping to support the body through the normal aging process.

Body cells and tissues are threatened continuously by damage caused by toxic free radicals and reactive oxygen species (e.g., peroxides) which are produced during normal oxygen metabolism, by other chemical reactions, and by toxic agents in the environment. Free radicals, once formed, are capable of disrupting metabolic activity and cell structure. When this occurs, additional free radicals are produced which, in turn, can result in more extensive damage to cells and tissues. The uncontrolled production of free radicals is thought to be a major contributing factor to accelerating the natural changes during the aging process.

The products found in Infinity Mix can help to support the body's entire antioxidant defense and provide a complete nutritional system in a convenient pack.

Ultra Health: Studies show that a high percentage of adults in North America and other developed areas eat less than the minimum daily allowance of 10 or more essential nutrients. Adequate amounts and proper balance of these nutrients are needed not only for maintaining good health, but also for the dietary management of the body's structure as well as the optimum functioning of its various systems, including the immune and gastrointestinal systems. Ultra Health is also a potent antioxidant formula that includes natural beta-carotene, vitamin C, vitamin E, selenium, L-cysteine/N-acetyl-L-cysteine, lutein, lycopene, red wine proanthocyanidins and select extracts and powders from over 25 fruits, vegetables and herbs.

Co-Q10 is a liquid filled capsule containing natural coenzyme Q-10 in a patented, self-assembling nano-colloid system for enhanced absorption. When mixed with an aqueous system, this patented technology results in the formation of a nano-colloid containing solubilized Co-Q10. This colloidal delivery system contains a highly uniform distribution of droplets that are typically less than 100 nm in diameter, and allows for enhanced absorption of coenzyme Q-10.

Vitamin E: While many think that the term "vitamin E" refers to a single entity, it actually describes a family of eight different compounds known as the tocopherols and the tocotrienols. Both the tocopherols and tocotrienols are further divided into their alpha, beta, gamma and delta isomers. These two groups of compounds are similar with respect to their structure, but do have subtle molecular structure differences. The d-alpha tocopherol isomer is the most well-known form of vitamin E. However, recent scientific evidence indicates that gamma-tocopherol has excellent antioxidant abilities that complement the antioxidant ability of alpha-tocopherol. Like tocopherols, tocotrienols function as powerful antioxidants. In certain systems, there is evidence that tocotrienols may even possess greater antioxidant activity compared with tocopherols.

N-Acetyl L-Cysteine: NAC is a precursor for the sulfur amino acid cysteine, and cysteine is used by the body to synthesize glutathione.

Glutathione is a naturally occurring tripeptide which is a major component of two anti-free radical enzymes - glutathione peroxidase and glutathione reductase. As such, glutathione offers one mechanism for scavenging toxic free radicals and inhibiting peroxidation thereby slowing down free-radical catalyzed chain reactions. Glutathione per se is well absorbed in the intestine, and enters the blood and other extracellular compartments where it exerts much of its beneficial antioxidant effects. However, it can not effectively enter the cell. In contrast to glutathione, NAC is efficiently transported into the cell where it is readily converted to cysteine for glutathione synthesis. Thus, supplementation with NAC can raise intracellular glutathione levels.

Alpha Lipoic Acid: Alpha-lipoic acid is unique among biological antioxidants, because it is soluble in both water and lipids. This allows it to neutralize free radicals just about everywhere in the body. Due to its unique sulfur-containing structure, alpha lipoic acid can scavenge several types of free radicals, such as the highly reactive hydroxyl, and singlet oxygen free radicals. It is also capable of suppressing the generation of free radicals in the first place, since alpha-lipoic acid chelates transition metals, such as iron and copper. Because alpha-lipoic acid is involved in so many different antioxidant functions in virtually all body tissues, it has been called the universal antioxidant.

Vitamin C (ascorbic acid) has numerous biological functions. Foremost, it is essential for the synthesis of collagen and glycosaminoglycans which are the building materials of all connective tissues, such as skin, blood vessels, tendons, joint cartilage and bone. Vitamin C is the required coenzyme for two groups of enzymes that catalyze the crosslinking of collagen fibers - lysyl hydroxylases and prolyl hydroxylases. As such, vitamin C is essential for normal wound healing and capillary health.

Pomegranate & Tea is a potent antioxidant combination of white tea, apple, pomegranate and blueberry extracts. Diets high in antioxidants, as well as supplementation with antioxidants have been shown to have a protective effect in reducing cellular damage caused by free radicals.

Mediterranean Diet: The Mediterranean diet is typically defined as a diet consumed by those living in countries near the Mediterranean Sea (Greece, Italy, etc) and is rich in fruits, vegetables, olive oil and low in red meat and dairy products. This includes olive oil, avocado oil, fish oil, olive juice extract, muscadine grape powder, pomegranate extract, broccoli concentrate, and lycopene. Unlike the typical Western diet, the Mediterranean diet contains high amounts of monounsaturated fats (from olives) and is low in saturated fats. The Mediterranean diet and its cultural emphasis on physical activity may be why people consuming this type of traditional diet may enjoy greater cardiovascular benefits and remain healthy and active throughout the normal aging process.

FORMULA (#20605-30)

1 Pack Contains:

Calories	9
Calories from fat	9
Total Fat	1 g
Total Carbohydrates	<1 g
Sugars	<1 g
Protein	<1 g
Vitamin A	7,500 I.U.
(33% as Vitamin A Palmitate [2,475 I.U.]/67% [5,025 I.U.] as Natural Beta Carotene)	
from D. Salina with full spectrum carotenoids ***	
Vitamin C	1,700 mg
(as Ascorbic Acid/ Ascorbyl Palmitate/Calcium and Magnesium Ascorbate complex)	
Vitamin D-3	200 I.U.
Vitamin E	607 I.U.
(natural, as d-alpha tocopheryl and d-alpha tocopheryl plus mixed tocopherols) with mixed tocopherols providing a minimum of:	
Gamma-tocopherol	280 mg
Beta- and Delta-tocopherols	40 mg
Thiamine	50 mg
Riboflavin	25 mg
Niacin/Niacinamide	95 mg
Vitamin B-6	50 mg
(as Pyridoxine HCl / Pyridoxal-5-Phosphate Complex)	
Folic Acid	400 mcg
Vitamin B-12	125 mcg
(as cyanocobalamin and methylcobalamin complex)	
Biotin	150 mcg
Pantothenic Acid	250 mg
(as d-Calcium Pantothenate)	
Calcium	250 mg
(as Calcium Citrate/Ascorbate Complex)	
Iodine (Kelp)	100 mcg
Magnesium	250 mg
(as Magnesium aspartate/Ascorbate Complex)	
Zinc (as Zinc amino Acid Chelate)	13 mg
Selenium	100 mcg
(as selenium Krebs TM / Kelp Complex)	
Copper (as Copper Amino Acid Chelate)	1 mg
Manganese	5 mg
Chromium GTF	100 mcg
(Organically bound with GTF activity- low allergenicity)	
Molybdenum (Krebs)	50 mcg
Potassium	50 mg
(as Potassium Aspartate Complex)	
L-Cysteine/N-Acetyl-L-Cysteine	575 mg
Proprietary Blend	700 mg
Kale (leaf), Spinach (leaf), Carrot (root), Radish (root), Celery (leaf and stalk), Apricot (fruit), Blackberry (fruit), Cranberry (fruit), Grape (fruit), Pineapple (fruit), Oxyphyte [®] Standardized White Tea Extract (leaf, Minimum 90% polyphenols), Oxyphyte [®] Fruit Blend (apple and pomegranate extracts, fruit) and VitaBlue [™] Wild Blueberry Extract (fruit).	
Organic, cold-pressed, extra virgin	
Tunisian olive oil	500 mg
Ultra Pure Fish Oil concentrate	250 mg
(Providing 95 mg of EPA and 50 mg DHA)	
Avocado Oil	250 mg
Olive juice extract	200 mg
(HIDROX [®] , fruit, standardized to 6% polyphenols and 2.5% hydroxytyrosol)	
Natural Coenzyme Q10	100 mg
Alpha Lipoic Acid	100 mg
Muscadine grape powder	100 mg
(seed and skin)	
Betaine (from 75mg of Betaine HCL)	57 mg
Blueberry (fruit)	50 mg
Garlic (bulb, Pure-Gar [®] , Odorless)	50 mg
Broccoli (entire plant)	50 mg
Cauliflower (entire plant)	50 mg
Spirulina	50 mg
Chlorella (broken cell wall)	50 mg

Green Papaya Extract (fruit)	50 mg
Rose Hips	50 mg
Lemon Bioflavonoids	50 mg
Inositol	50 mg
Choline	30 mg
(from 75 mg of Choline Citrate/Bitartrate)	
Mixed Tocotrienols (from palm)	25 mg
PABA (Para-Aminobenzoic Acid)	25 mg
Green Tea Extract (leaf)	25 mg
Sprouted Barley Juice (entire plant)	25 mg
Wheat Grass Juice	25 mg
(gluten free, entire plant)	
Beet Extract (root)	25 mg
Apple Pectin (fruit)	25 mg
Red Wine Proanthocyanidins/ Pine Bark Extract	25 mg
(OPC 85)(J Mesqueler U.S. Patent No. 4,698,360)	
Pomegranate extract	25 mg
(fruit, standardized to 40% punicosides)	
Bromelain (2,000 GDU/gm)	25 mg
Hesperidin	18 mg
Broccoli concentrate	15 mg
(seed, standardized to 10% glucoraphanin)	
Rutin	13 mg
Glutamic Acid	10 mg
(from 12.5mg Glutamic Acid HCl)	
L-Methionine	6 mg
Lutein (natural)	3 mg
Lycopene (from LYC-O-MATO®)	5 mg
Boron	0.75 mg
(as Boron Aspartate/Citrate Complex)	
Zeaxanthin	0.5 mg
Trace Elements	approx. 50 mcg
(from Sea Vegetation)	
Vanadium (as Vanadium Krebs®)	25 mcg

SUGGESTED USE

Adults take 1 pack daily with a meal or as directed.

SIDE EFFECTS

No adverse side effects reported

STORAGE

Store in a cool, dry place, away from direct light. Keep out of reach of children.

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***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**