

Clinical Applications



- Foundation Nutrition for a variety of protocols
- “Insurance” Formula for Wellness
- Poor Dietary Nutrient Intake
- Stressful Lifestyle

Activ Essentials™ is a combination of four targeted nutritional formulas conveniently dose-packaged and providing comprehensive nutritional support. Activ Essentials Women™ Contains iron and additional calcium. Activ Essentials with Calcium™ contains extra calcium without iron. The formulas include Albion® chelated minerals, activated B vitamins, ORAC botanicals and fresh, pure, third-party assayed fish oils. Calcium is in the form of dicalcium malate and microcrystalline hydroxyapatite (MCHC).

All XYMOGEN® Formulas Meet or Exceed cGMP Quality Standards.

Discussion

Each cellophane wrapped package of Activ Essentials™ contains the following XYMOGEN® supplements:

ActivNutrients™, a high quality, hypoallergenic, proprietary multivitamin- mineral blend in vegetable capsules featuring activated vitamin co-factors and patented Albion® chelated mineral complexes. ActivNutrients™ contains a balanced nutrient profile needed because vitamins and minerals work synergistically. Many nutrients in ActivNutrients™ (e.g. vitamins C and E, selenium, carotenoids) provide antioxidant protection and some (e.g. riboflavin, niacin, folic acid, B12) are needed to support Phase 1 detoxification.

OmegaPure 600 EC™, a highly concentrated oil that contains 360 mgs of EPA and 240 mgs of DHA in each highly absorbable, pleasant-smelling, enteric coated softgel. The purity of these oils is the result of using the most advanced molecular distillation and chromatographic Super-Refining technology. Independent third party assay guarantees the stated amount of EPA/DHA is present. More importantly, the assay declares the absence of cholesterol, heavy metals, (e.g. mercury), rancidity, and contaminants such as pesticides and PCBs. Vitamin E as mixed tocopherol is added to prevent rancidity and ensure maximum freshness.

Oraxinol™, an innovative blend of botanicals contains RosemarinX™ derived from rosemary, and BerrX™, from a variety of berries. The technique known as “ORAC”, “Oxygen Radical Absorbance Capacity” measures antioxidant capacity. The units of an ORAC value are expressed as micromoles Trolox equivalents per gram of a substance. Consuming an average of 5-9 servings of a variety of fruits and vegetables per day yields 6000 Trolox Equivalents. This same amount is supplied by just 2 capsules (1000mg) of Oraxinol™.

Activ Essentials Women™ & Activ Essentials with Calcium™ also contain:

Ossopan MD™ supplying 350 mgs/package of calcium from MCHC is composed primarily of calcium, but also contains phosphorous, organic factors, protein matrix, growth factors and a full spectrum of trace minerals that naturally comprise healthy bones. It is in a vegetable capsule.



Supplement Facts

Serving Size: 2 packets
Servings Per Container: 30

	4 ActivNutrients™ Capsules		2 Oraxinol™ Capsules		2 OmegaPure 600 EC™ Softgels		2 Ossopan™ Capsules	
	Amount	%DV*	Amount	%DV*	Amount	%DV*	Amount	%DV*
Calories							15	
Calories from Fat							10	
Total Fat					1.2 g	2%		
Vitamin A (75% [5,625 IU] as mixed carotenoids and 25% [1,875 IU] as cis-retinol palmitate)	7500 IU	150%						
Vitamin C (as potassium ascorbate, zinc ascorbate, calcium ascorbate and sodium ascorbate)	250 mg	417%						
Calcium (as MCHC, DimaCal® Di-Calcium Malate)	100 mg	10%					700 mg	70%
Vitamin D3 (as cholecalciferol)	200 IU	50%						
Vitamin E (as d-alpha tocopherol succinate, mixed tocopherols)	200 IU	667%						
Vitamin B1 (as thiamine mononitrate)	20 mg	1333%						
Vitamin B2 (as riboflavin 5 phosphate)	20 mg	1176%						
Vitamin B3 (as niacinamide, niacin)	63 mg	315%						
Vitamin B6 (as pyridoxal 5 phosphate)	20 mg	1000%						
Folate (as folic acid, 5-formyl tetrahydrofolate)	400 mcg	100%						
Vitamin B12 (as methylcobalamin)	500 mcg	8333%						
Biotin	1000 mcg	333%						
Pantothenic Acid (as d-calcium pantothenate)	200 mg	2000%						
Iodine (as potassium iodide)	100 mcg	67%						
Magnesium (as Di-Magnesium Malate)	100 mg	25%						
Zinc (TRAACS® Zinc Glycinate Chelate)	13 mg	87%						
Selenium (as Selenium Glycinate Complex)	100 mcg	143%						
Copper (TRAACS® Copper Glycinate Chelate)	1 mg	50%						
Manganese (TRAACS® Manganese Glycinate Chelate)	500 mcg	25%						
Chromium (TRAACS® Chromium Nicotinate Glycinate Chelate)	500 mcg	417%						
Molybdenum (TRAACS® Molybdenum Glycinate Chelate)	50 mcg	67%						
Potassium (as potassium glycinate and potassium ascorbate)	99 mg	3%						
Inositol	36 mg	**						
Choline (as choline dihydrogen citrate)	36 mg	**						
PABA	13 mg	**						
Vanadium (TRAACS® Vanadium Nicotinate Glycinate Chelate)	750 mcg	**						
EPA (eicosapentaenoic acid)					720 mg	**		
DHA (docosahexaenoic acid)					480 mg	**		
Oraxinol™ (RosemarinX™ and Berr-X™ standardized to provide 6000 TE/g)			1000 mg	**				

* Percent Daily Value

** Daily Value not established.

Other Ingredients for ActivNutrients™: HPMC (capsule), stearic acid, microcrystalline cellulose, magnesium stearate, silicon dioxide.

Other Ingredients for Oraxinol™: HPMC (capsule), stearic acid, magnesium stearate.

Other ingredients for OmegaPure 600 EC™: Gelatin, glycerin, food glaze, ethylcellulose, purified water, enteric coating, magnesium silicate, vanillin.

Contains: Fish (anchovy, mackerel, sardine).

Other Ingredients for Ossopan™: HPMC (capsule), magnesium stearate and stearic acid.

Activ Essentials for Women™ also contains: Iron (as bis-glycinate chelate) 5 mg 28% of daily value.

References

1. Total Diet Study, US FDA/CFSAN. <http://www.cfsan.fda.gov/~comm/tds-toc.html> {accessed 5.23.06}
2. National Health and Nutrition Examination Survey <http://www.cdc.gov/ncha/nhanes.htm> {accessed 5.23.06}
3. Marier JR. Magnesium content of the food supply in the modern-day world. *Magnesium*. 1986;5 (1):1-8 [PMID: 3515057]
4. Worthington V. Effect of agricultural methods on nutritional quality: a comparison of organic with conventional crops. *Alter Ther Health Med*. 1998 Jan;4(1):58-69. [PMID: 9439021]
5. Worthington V. Nutritional quality of organic versus conventional fruits, vegetables, and grains. *J Altern Complement Med*. 2001 Apr;7(2):161-73. [PMID: 11327522]
6. Implications of the "other half" of a mineral compound. *Albion® Research Notes*. October 2000:9(3) 1-4 www.albionan.com/human/newsletter/2000october.pdf {accessed 5.23.06}
7. Price JA, Sanny CG, Shevlin D. Application of manual assessment of oxygen radical absorbent capacity (ORAC) for use in high throughput assay of "total" antioxidant activity of drugs and natural products. *J Pharmacol Methods*. 2005 Dec 4; [PMID:16337142]

*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.