

## Advanced Cell Therapy Product Ingredients



### SUPPLEMENT FACTS

Standard Serving Size: 17 grams [1 pouch]

Amount Per Serving		% DV*
Calories	22	
Calories from Fat	0	
Total Fat	0	0%
Saturated Fat	0	0%
Sodium	20mg	1%
Potassium	450mg	14%
Total Carbohydrates	5g	2%
Dietary Fiber	1g	
Sugars	4g	
Protein	<1g	1%

Vitamin C 100%	Vitamin B6 100%
Vitamin B3 [niacinamide] 100%	Vitamin B12 100%

<b>Proprietary Blend</b>	4,400mg	-
Creatine Monohydrate, Fibersol-2 (dietary fiber), Guarana (seed), Juice Extracts (cherry, mango, pineapple, orange), Green Tea, Panax Ginseng (root), Stevia (leaf) extract, L-arginine, Taurine, L-carnitine, Tyrosine, Maca (root).		

\* % Daily Value based on a 2,000 calorie diet.

### Vitamins

Vitamin B-3 (niacin) is a water-soluble vitamin necessary for many aspects of health, growth, and reproduction. Vitamin B-6 is involved in the functioning of some enzymes, especially those involved in protein metabolism, the formation of chemicals for transmission of impulses in brain and nerves, and in red blood cell formation. Vitamin B-12 is involved in the formation of the genetic material in the nuclei of body cells (DNA), and in the formation of RNA, which is another important chemical involved in protein synthesis.

### Herbs

Green Tea, Guarana & Ginseng are used in A.C.T. to promote increased energy, stamina and alertness.

### Green Tea

Green tea is prepared by picking, lightly steaming and allowing the leaves to dry. The active constituents in green tea are a family of polyphenols (catechins) and flavonols which possess potent antioxidant activity. Tannins, large polyphenol molecules, form the bulk of the active compounds in green tea, with catechins comprising nearly 90%. EGCG (epigallocatechin gallate) makes up about 10-50% of the total catechin content and is the most powerful of the Green tea catechins. EGCG in Green tea delivers antioxidant activity about 25-100 times more potent than vitamins C and E.

### Guarana

Guarana originates from a shrub grown in Brazil. Guarana is known for its positive effect on energy levels, including mental clarity, energy and stamina. Guarana contains a natural derivative similar to the caffeine found in coffee beans. Suggestions from people who use Guarana include that it increases energy levels, reduces fatigue, enhances physical and mental performance, promotes weight loss

and suppresses appetite.

## Amino Acids & Metabolites

### L-arginine

An amino acid that can stimulate immune function and promote the secretion of several hormones, including glucagon, insulin, and growth hormone.

### L-carnitine

Needed to release energy from fat. It transports fatty acids into mitochondria, the powerhouses of cells. L-carnitine is made in the body from the amino acids, lysine and methionine. However, in situations of high energy needs, the need for L-carnitine can exceed production by the body.

### Creatine Monohydrate

A metabolite naturally synthesized in the body that is essential for the regeneration of ATP (adenosine triphosphate). ATP is the muscle's ultimate energy source.

### Taurine

An amino acid derivative that appears to shield the heart from harm. It's best known for empowering bile acids to clear cholesterol from the body. It may also fight cellular troublemakers that can damage the heart.

### L-tyrosine

A nonessential amino acid is important to the structure of almost all proteins in the body. It is also the precursor of several neurotransmitters, including L-dopa, dopamine, norepinephrine, and epinephrine. Studies have suggested that tyrosine may help people with depression.

## Other Ingredients

Maltodextrin, Crystalline Fructose, Potassium Citrate, Citric Acid, Sodium Chloride, Niacinamide, Pyridoxine hcl, Cyanocobalamin, natural & artificial flavor.