# Cellular Vitality

The Ingredients in Cellular Vitality are Designed to Work Synergistically to Support Cellular Invigoration—Helping Fuel the Cells that Support You, Today and in the Future

Our body is amazing. Over one hundred trillion cells zip around doing their job so we can go about the business of daily life. These cells combine to form tissue; tissue makes up organs, and organs combine to form systems, like the cardiovascular system, for example. We don't compartmentalize our body in these terms—we just expect it to run. But as the wear and tear of age and life build up, some systems in the body can slow down.

Most chronic challenges have roots in our lifestyle decisions, so it makes sense to start practicing health maintenance early. Whether you're in your mid-20s or 40s, staying active, maintaining an appropriate weight, managing stress, and eating whole foods can go a long way toward preserving overall health long into the future.

And for added support, Cellular Vitality contains a synergistic blend of ingredients to target the basis of wellness, cellular health.†

#### What does Cellular Vitality contain?

How Cellular Vitality Keeps You Healthy

- American ginseng (Panax quinquefolius)
- ▶ B vitamin complex

  Vitamin B₁

  Vitamin B₂

  Niacin

  Vitamin B₆

  Folate

  Vitamin B₁₂

  Biotin

  Pantothenic acid
- ▶ Berry seeds
  Ruby grape
  Blueberry
  Cranberry
  Red raspberry
  Black raspberry
  Pomegranate
- ▶ Bromelain
- ► Coenzyme Q<sub>10</sub>
- Mushroom powder (Cordyceps sinensis)
- Ribonucleic acid (RNA)



The stress associated with everyday life, not to mention aging, have a complex and challenging effect on the body. This intricate supplement helps support the body as a whole, with a focus on a comprehensive range of energy-processing pathways.

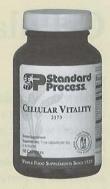
Fatigue, the body's response to stress, and specific challenges within body mechanisms (for example, cellular growth/proliferation, digestion, or the cardiovascular systems) can be signs that the body needs more help meeting everyday needs. Cellular Vitality ingredients are designed to support healthy cellular activity, as well as whole-body functioning.

#### RNA

Ribonucleic acid contains the molecules used to make triphosphates—the energy currency of the cell. These can be broken down and used by rapidly dividing cells (like those that line the gut or blood vessels) in order to fuel protein creation.†

#### **B** vitamins

This vitamin complex has a spectrum of action spanning most of the systems in the body. These vitamins help the body deal with stress through fueling the process that creates energy for cells (oxidation-reduction reactions). These vitamins also participate in cell functions (like making DNA/RNA) and protect cells by taking part in antioxidant processes. This activity helps the body stay balanced. Vitamins  $B_{12}$ , folate, and  $B_6$  all help either recycle or use homocysteine, thereby bringing the level of this compound down.†



Introduced in: 2010 Content: 90 Capsules Vegetarian Product

## Supplement Facts:

Serving Size: 3 capsules Servings per Container: 30

0		
		%DV
Calories	6	
Vitamin B <sub>1</sub>	0.225 mg	15%
Vitamin B <sub>2</sub>	0.25 mg	15%
Niacin	3.0 mg	15%
Vitamin B <sub>6</sub>	0.3 mg	15%
Folate	0.03 mg	8%
Vitamin B <sub>12</sub>	0.15 mcg	2%
Biotin	0.02 mg	8%
Pantothenic acid	1.0 mg	10%
Coenzyme Q <sub>10</sub>	80 mg	1
† Daily value not es	tablished	

Proprietary Blend: Multi-fruit seed powder [Ruby grape seed, blueberry seed, cranberry seed, red raspberry seed, black raspberry seed, and pomegranate seed], ribonucleic acid, mushroom powder (*Cordyceps sinensis*), bromelain, and American ginseng (root).

Other Ingredients: Quinoa sprouts, cellulose, maltodextrin, and calcium stearate.

Suggested Use: Three capsules per day, or as directed.

Sold through health care professionals,



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#### Berry seeds

Foods with antioxidant effect are thought to help protect cells from being damaged by the normal wear and tear of the body. As we go about daily life, some of the chemicals we come in contact with, or even the byproducts of normal body functions, can lead to the formation of free radicals. These molecules try to steal from stable molecules, a process that can eventually lead to cell damage. The antioxidant properties of berries have been researched in almost every system of the body.†

#### Bromelain

An enzyme complex extracted from pineapple stems and juice, bromelain has a long history of use in central and South American traditional medicine. When taken with meals it is believed to help break down protein into its component amino acids. But when taken between meals, it modulates the body's natural inflammatory response by helping the body to manage platelet clumping and vascular permeability.†

### Coenzyme Q<sub>10</sub>

This enzyme is naturally found in organ meats. It plays a vital role in the processes by which mitochondria generate ATP—the fuel used by cells. Research shows that Coenzyme Q<sub>10</sub> helps protect the cell's ability to regulate sodium/potassium levels, as well as acting to stabilize calcium movement in muscle cells. It also helps protect cells from free radical molecules.†

#### Cordyceps

This mushroom powder seems to help the body use oxygen, increase energy production within cells, and impact blood sugar metabolism. In Traditional Chinese Medicine, it was used for a host of functions including: kidney, heart, and lung support; management of fatigue and to promote longevity.†

#### American ginseng

This root is considered an adaptogen, a substance that helps the body deal with the byproducts of stress. It contains bioactive compounds (ginsenosides, polysaccharides) that act to protect cells from degradation and modulate the immune system.†

### What Makes Cellular Vitality Unique

#### **Product Attributes**

- Blend of B vitamins, mushroom, berries, RNA, and enzymes
- Addresses the basis of wellness-cellular health
- Comprehensive systemic activity to support people in their 20s, 30s, and 40s: people who may be taking care of their children and their parents, sports enthusiasts, work/life jugglers, or health conscious consumers who want to support their bodies now†

#### Manufacturing and Quality Control Processes

Degreed microbiologists and chemists in our on-site laboratories continually conduct bacterial and analytical tests on raw materials, product batches, and finished products

Ensures consistent quality and safety

Vitamin and mineral analyses validate product content and specifications

Assures high-quality essential nutrients are delivered

†These statements have not been evaluated by the Food & Drug Administration. This product is not intended to diagnose, treat, cure, or prevent any disease

Whole Food Philosophy Our founder, Dr. Royal Lee challenged common scientific beliefs by choosing a holistic approach of providing nutrients through whole foods. His goal was to provide nutrients as they are found in nature-in a whole food state where he believed their natural potency and efficacy would be realized. Dr. Lee believed that when nutrients remain intact and are not split from their natural associated synergists-known and unknown-bioactivity is markedly enhanced over isolated nutrients. Following this philosophy, even a small amount of a whole food concentrate will offer enhanced nutritional support, compared to an isolated or fractionated vitamin. Therefore, one should examine

Studies on nutrients generally use large doses and these studies, some of which are cited below, are the basis for much of the information we provide you in this publication about whole food ingredients. See the supplement facts for Cellular Vitality.

the source of nutrients rather than

nutrients on product labels.

looking at the quantities of individual

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