

# Livaplex®

## A Multi Food-Based Formula for the Liver

The liver is the body's largest organ and performs more than 500 different functions including the synthesis and utilization of carbohydrates, fats, and proteins, the metabolism and excretion of toxins from the body, and the storage of glycogen and several other nutrients. Livaplex is a special formula comprised of several Standard Process ingredients designed to support the liver. This product encourages healthy bile production and flow, the breakdown of fats, liver-detoxification support, and the improvement of blood flow through the liver. In addition, zinc, copper, and iron enhance the ability of the liver to function normally.†

## How Livaplex Keeps You Healthy

### *Provides several essential vitamins and minerals to support cellular health and metabolism of macronutrients*

Vitamin A supports healthy cellular growth and helps the body maintain healthy mucous membranes. At the cellular level, zinc supports DNA synthesis, cell signaling, and supports protein and cell structure and function. Zinc also plays a role in releasing hormones and supporting nerve impulse transmission. Copper is involved in producing cellular energy, supporting the body's natural antioxidant functions, and aiding in iron metabolism. Iron is required for oxygen transport and storage, energy metabolism, and many nutrient interactions. The B vitamins are important building blocks for many metabolic processes throughout the body. Vitamin B6 supports the metabolism of carbohydrates through its facilitation of glycogen breakdown and niacin aids in carbohydrate, protein, and lipid synthesis. B6 is also important for the formation and function of red blood cells. Iodine is a trace mineral required for thyroid-hormone synthesis.†

### *Supports the liver's natural antioxidant functions*

The liver is essential in eliminating toxins from the body. Cruciferous vegetables, like Spanish black radish, contain phytochemicals that stimulate enzymatic activity required to support liver detoxification.†

### *Supports digestive function*

Betaine hydrochloride provides a supplemental source of hydrochloric acid (HCl), an acid found in the gastric juice of the stomach, to help breakdown food during digestion.†

*Please copy for your patients.*



**Introduced in 1969**

**Content:**  
90 capsules

**Suggested Use:** One capsule per meal, or as directed.

#### **Supplement Facts:**

Serving Size: 1 capsule  
Servings per Container: 90

|                        | Amount<br>per Serving | %DV |
|------------------------|-----------------------|-----|
| Calories               | 3                     |     |
| Vitamin A              | 1,260 IU              | 25% |
| Niacin                 | 2.8 mg                | 15% |
| Vitamin B <sub>6</sub> | 0.8 mg                | 40% |
| Iron                   | 2.7 mg                | 15% |
| Iodine                 | 9.6 mcg               | 6%  |
| Zinc                   | 5.5 mg                | 35% |
| Copper                 | 109 mcg               | 6%  |

#### **Proprietary Blend:** 582 mg

Bovine liver PMG™ extract, Spanish black radish (root), bovine liver, calcium lactate, carrot (root), *Tillandsia usneoides*, beet (root), dried beet (leaf) juice, oat flour, betaine hydrochloride, magnesium citrate, choline bitartrate, soy (bean), potassium bicarbonate, bovine kidney, bovine prostate, bovine adrenal Cytosol™ extract, defatted wheat (germ), bovine liver fat extract, bovine orchic extract, ascorbic acid, flaxseed oil extract, and mixed tocopherols (soy).

Other Ingredients: Gelatin, zinc liver chelate, iron liver chelate, water, calcium stearate, niacinamide, copper liver chelate, colors, pyridoxine hydrochloride, arabic gum, starch, sucrose (beets), vitamin A palmitate, and prolamine iodine (zein).

**Warning:** Accidental overdose of iron-containing products is a leading cause of fatal poisoning in children under 6. Keep this product out of reach of children. In case of accidental overdose, call a doctor or poison control center immediately.

**Sold through health care professionals.**



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

# Livaplex®

## What Makes Livaplex Unique

### Product Attributes

#### Multiple nutrients and minerals from a variety of plant and animal sources

- › Extracts from bovine tissues provide cellular support and rehabilitation to the corresponding tissues in humans
- › Vitamins, minerals, and nutrients from plants and animal tissues work synergistically for maximum effect†

#### Contains Protomorphogen™ extracts

- › Standard Process uses a unique manufacturing method of deriving tissue cell determinants from animal glands and organs
- › Important antigenic properties of nucleoprotein-mineral determinants are the foundation of the product†

### Certified Organic Farming

A healthy ecosystem is created by using organic farming techniques, such as rotating crops, fertilizing the soil with nutrient-rich cover crops and byproducts from our processing, practicing strict weed-control standards, and continually monitoring the health of our plants

- › Assures the soil is laden with minerals and nutrients
- › Ensures plants are nutritionally complete and free from synthetic pesticides

### Manufacturing and Quality-Control Processes

Upon harvesting, nutrient-rich plants are immediately washed and promptly processed

- › Preserves nutritional integrity

### Low-temperature, high-vacuum drying technique

- › Preserves the enzymatic vitality and nutritional potential of ingredients

### Not disassociated into isolated components

- › The nutrients in Livaplex are processed to remain intact, complete nutritional compounds

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

### 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 the source of nutrients rather than looking at the quantities of individual nutrients on product labels.

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 Livaplex®.

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