

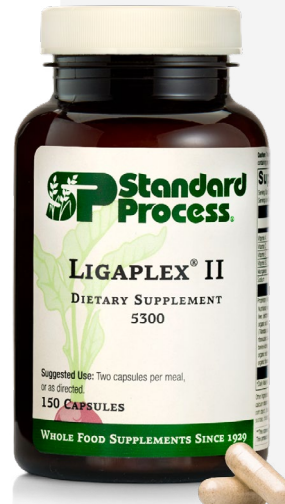
# Ligaplex® I and Ligaplex® II

Available Sizes:  
150 Capsules

SKELETAL &  
JOINT HEALTH



- Contains nutrients that provide bone and joint support\* in a capsule supplement
- Supports the body's normal synthesis processes of connective tissue cartilage\*
- Supports healthy joints\*
- Supports bone growth and synthesis of cartilage\*
- Contains a combination of key ingredients from Manganese B12™, Cataplex® E, Ostrophin PMG®, and Cataplex® A-C-P
- Excellent source of vitamin B12 and manganese



- Supports tissue and joints to maintain connective tissue health\*
- Provides essential nutrients to support the skeletal system and facilitate movement\*
- Nutritional compounds for support of proper formation and maintenance of skeletal tissues\*
- Involved in maintenance of healthy fluid levels\*
- Contains bovine heart PMG™ extract
- Contains a combination of key ingredients from Cyro-Yeast®, Cardiostrophin PMG®, Ostrophin PMG®, Manganese B12™, Super-EFF®, and Cataplex® E
- Excellent source of vitamin A, vitamin B12 and manganese

Ligaplex® I



Ligaplex® II



## Supplement Facts

Serving Size: 2 Capsules  
Servings per Container: 75

	Amount per Serving	%Daily Value
Cholesterol	<5 mg	2%
Vitamin A	70 mcg RAE	8%
Vitamin C	2 mg	2%
Vitamin E	1.1 mg	7%
Vitamin B12	5.8 mcg	242%
Phosphorus	20 mg	2%
Manganese	55 mg	2,391%
Sodium	10 mg	<1%

Proprietary Blend 770 mg †  
Bovine bone, calcium lactate, organic pea vine juice powder, organic oat flour, bovine liver, veal bone PMG™ extract, bovine kidney, organic SP beet blend (organic swiss chard juice powder, organic beet (root), organic beet (leaf) juice powder), inositol, organic beet (root), nutritional yeast, organic buckwheat (aerial parts) juice powder, organic buckwheat flour, ribonucleic acid, organic carrot, organic sweet potato, bovine adrenal Cytosol™ extract, bovine spleen, ovine spleen, organic reishi mushroom powder, organic shiitake mushroom powder, sunflower lecithin powder, medium chain triglycerides, and carrot oil.

†Daily Value not established.

Other Ingredients: Manganese lactate, gelatin, water, calcium stearate, dicalcium phosphate, d-alpha tocopherol (Vitamin E sunflower), modified tapioca starch, ascorbic acid, modified corn starch, vitamin A palmitate, sucrose, and cyanocobalamin.

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**Caution:** This product is processed in a facility that manufactures other products containing soy, milk, egg, wheat, peanut, tree nuts, fish, and shellfish.

## Supplement Facts

Serving Size: 2 Capsules  
Servings per Container: 75

	Amount per Serving	%Daily Value
Vitamin A	180 mcg RAE	20%
Vitamin D	0.6 mcg	3%
Vitamin E	0.7 mg	5%
Vitamin B12	2 mcg	83%
Manganese	35 mg	1,522%
Sodium	10 mg	<1%

Proprietary Blend 650 mg †  
Nutritional yeast, carbamide, bovine bone, veal bone PMG™ extract, bovine liver, defatted wheat germ, bovine heart PMG™ extract, magnesium citrate, organic oat flour, inositol, organic pea vine juice powder, Spanish moss (*Tillandsia usneoides*), organic beet (root), organic sweet potato, organic carrot, ribonucleic acid, bovine liver fat extract, bovine adrenal Cytosol™ extract, bovine kidney, bovine spleen, ovine spleen, organic shiitake mushroom powder, organic reishi mushroom powder, rice bran, sunflower lecithin powder, and organic flaxseed oil.

†Daily Value not established.

Other Ingredients: Manganese glycerophosphate, calcium lactate, gelatin, water, calcium stearate, ascorbic acid, d-alpha tocopherol (vitamin E sunflower), modified corn starch, dicalcium phosphate, modified tapioca starch, vitamin A palmitate, sucrose, cholecalciferol, and cyanocobalamin.

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

Standard Process products labeled as **Gluten-Free** have been tested to verify they meet the regulations associated with the United States Food and Drug Administration's gluten-free labeling. Standard Process products labeled as **Non-Dairy** or **Non-Dairy Formula** have been formulated to not contain milk or milk-derived ingredients. Standard Process products labeled as **Non-Soy** or **Non-Soy Formula** have been formulated to not contain soy or soy-derived ingredients.

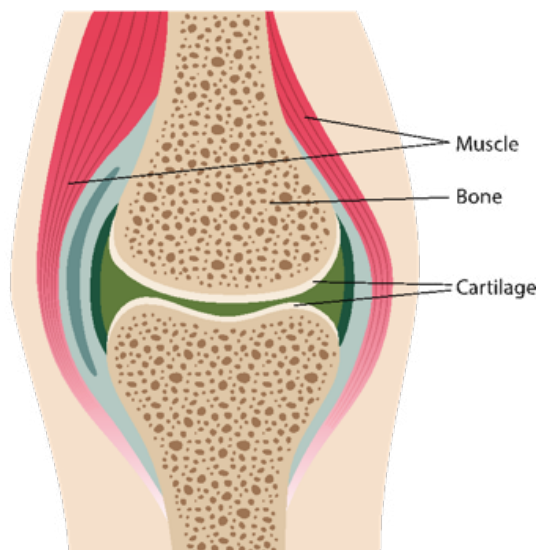
**Standard Process**  
WHOLE FOOD NUTRIENT SOLUTIONS

# Ligaplex<sup>®</sup> I and Ligaplex<sup>®</sup> II

SKELETAL &  
JOINT HEALTH

## Manganese for bone and joint support\*

Manganese supports healthy bone and connective tissue as a cofactor for several enzymes involved in the production of components required for bone formation and cartilage synthesis.<sup>1-3</sup> Manganese is also a critical part of the antioxidant enzyme manganese superoxide dismutase (MnSOD)<sup>1</sup> that is important in controlling reactive oxygen species in cartilage chondrocytes. Both products are an excellent source of manganese.



Manganese supports healthy joints as a cofactor for several enzymes involved in bone and cartilage synthesis

## Ligaplex<sup>®</sup> II for healthy fluid level\*

Oral urea, also known as carbamide, is involved in the maintenance of healthy fluid levels\* by acting as an osmotic agent and increasing free water excretion.<sup>4-7</sup> Carbamide/urea is present in Ligaplex<sup>®</sup> II at 24 mg/serving.

## Vitamin B12 supports blood production

Erythropoiesis, the process of producing new red blood cells in the body, is highly regulated and critical for maintaining oxygen delivery to peripheral tissues. Vitamin B<sub>12</sub> is required in a constant supply because it is involved in the formation of the DNA building blocks, which are vital for the rapid division of bone marrow cells that produce red blood cells.<sup>8,9</sup>

The **great majority** of the raw plant ingredients used in our products are grown on our certified organic farm

**Freshly picked crops** are often processed within a day to maintain vital nutrients

We harvest more than **6.5 million** pounds of ingredients on our certified organic and sustainable farm

## Healthy Soil. Healthy Plants. Healthy Lives.

Standard Process is a family-owned company dedicated to making high-quality and nutrient-dense therapeutic supplements for three generations.

We apply a holistic approach to how we farm, manufacture and protect the quality of our products. This comprehensive strategy ensures that our clinical solutions deliver complex nutrients as nature intended. It's how we define the whole food health advantage.

## REFERENCES

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