

# INFLAMMACORE NATURAL CHERRY



## CLINICAL APPLICATIONS

- Supports a Healthy Inflammatory Response
- Strengthens GI Barrier Function
- Boosts Immune Function
- Provides Key Nutrients for Cell Replication
- Increases Antioxidant Protection

## GASTROINTESTINAL SUPPORT

InflammacORE is an advanced nutritional formula built to address immune challenges, maintain a healthy inflammatory response and strengthen gastrointestinal (GI) barrier function. It represents an innovative, multidimensional approach to providing powerful phytonutrients that support proper inflammatory control and overall gastrointestinal health. InflammacORE is an all-natural, fructose-free formula featuring 19 g of easy-to-digest brown rice protein and 4 g of soothing, flax-based fiber per serving. In addition, InflammacORE provides high amounts of L-glutamine and glycine, amino acids crucial for intestinal reinforcement and mucosal cell regeneration. InflammacORE is available in natural cherry, banana creme and orange flavors.

### Overview

Inflammation is a natural part of the body's immune response, a cascade triggered to protect the body and maintain normal tissue repair. Acute inflammation is the body's initial response to harmful stimuli in which plasma and immune cells are relocated from the blood into injured tissues. This movement is followed by a cascade of biochemical events which advance the normal inflammatory response. When inflammation is prolonged, it leads to a progressive shift in the type of cells present at the site of inflammation and is characterized by simultaneous destruction and healing of the tissue from the inflammatory process. Because inflammation plays a role in so many health challenges, it is essential to support and maintain a healthy cycle of inflammation to achieve optimal health.

### Turmeric (Curcumin)<sup>†</sup>

Curcumin is the active compound in turmeric, an orange-colored spice used for thousands of years in cooking and

medicine. Curcumin has been shown to have strong NFκB-modulating properties and plays a crucial role in maintaining proper inflammatory balance. Studies have shown that curcumin specifically supports proper inflammatory balance in the most significant GI challenges.<sup>1,2</sup> Curcumin has been found to both promote GI mucosal health and help reduce stomach lining discomfort.<sup>3</sup> It provides antioxidant protection in the cardiovascular system.<sup>4</sup> Curcumin has also been shown to improve mood imbalances and adrenal fatigue by supporting a normal immune response, reducing oxidative stress and intestinal hyper-permeability.<sup>5</sup>

### Green Tea Extract (EGCg)<sup>†</sup>

Green tea, used for centuries as a health tonic, is a potent antioxidant and is effective for maintaining healthy levels of inflammation. Its most researched active component, EGCg, has been repeatedly shown to protect against free radical damage and balance markers of inflammation. EGCg has been found to block NFκB activity and supports cardiovascular health by interfering with free radical generation in macrophages.<sup>6</sup> In studies, green tea has been shown to reduce histamine-producing cells<sup>7</sup> and support inflammatory balance. It has also been shown to inhibit key enzyme pathways involved in inflammation which play a key role in joint health.<sup>8</sup>

### Arabinogalactan<sup>†</sup>

Larch arabinogalactan is a fermentable polysaccharide fiber from the Larch tree that supports healthy immunity by supporting the growth of beneficial gut flora and strengthening the activity of NK cells.<sup>9</sup> It has been found to minimize ammonia synthesis and absorption, enhance production of short chain fatty acids and increase the population of

<sup>†</sup>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.

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beneficial gut microflora. In one placebo-controlled, double-blind, randomized trial, arbinogalactan was found to boost immune activity and support upper respiratory health.<sup>10</sup>

### Skullcap Root Extract<sup>†</sup>

This popular Chinese botanical has been shown to maintain markers of inflammation and support cardiovascular health.<sup>11</sup> Skullcap possesses potent antioxidant properties. Research has shown it attenuates NFκB and inhibits COX-2 expression.<sup>13</sup> It also supports healthy respiratory function by protecting airways and protecting mitochondrial function.<sup>12</sup>

### Quercetin<sup>†</sup>

A flavonoid found in a variety of botanicals, vegetable and fruits, quercetin is a potent antioxidant that inhibits inducible ICAM-1 expression, an important pathway for maintaining healthy levels of inflammation.<sup>13</sup> It has also been shown to enhance epithelial barrier function in the intestines<sup>14</sup> by stabilizing mast cells through the release of cell protective factors. Quercetin has been shown to promote the balanced release of inflammatory mediators from mast cell.<sup>15</sup>

### Glutamine and Glycine<sup>†</sup>

Amino acids L-glutamine and glycine are essential for healthy gut mucosa and normal tissue repair. Numerous studies have shown these amino acids to be soothing to the GI lining.<sup>16</sup> The amino acid L-glutamine have been associated with better immune response, stronger intestinal wall lining and higher antioxidant capacity.<sup>17</sup> Recent research also highlights the synergistic role between these amino acids and healthy balance of probiotic bacteria in the GI tract.<sup>18</sup>

### Vitamin D<sup>†</sup>

One of the key functions of vitamin D is its ability to tighten gap junctions in the intestinal lining creating a strong effective barrier that protects the body. Recent research suggests that improving vitamin D status significantly affects the expression of genetic pathways linked to immune activity.<sup>19</sup> Vitamin D up-regulates specific genes that increase cellular production of natural compounds that protect us against pathogens.<sup>20</sup> Higher blood levels of vitamin D have been shown to enhance immune function and soothe tissues of the GI tract.<sup>21</sup>

### Directions

Mix 2 scoops (52.4 grams) of InflammCORE with water or the beverage of your choice, once daily or as recommended by your health care professional.

### Does Not Contain

Gluten, yeast, artificial colors, and flavors.

### Cautions

Do not consume this product if you are pregnant or nursing. Consult your physician for further information. This product contains corn.

<b>Supplement Facts</b>		
Serving Size 2 Scoops (52.4 Grams)		
Servings Per Container 14		
<b>2 scoops contain</b>	<b>Amount Per Serving</b>	<b>% Daily Value</b>
Calories	220	
Calories from Fat	40	
Total Fat	4.5 g	7%*
Saturated Fat	2 g	10%*
Total Carbohydrate	18 g	6%*
Dietary Fiber	4 g	16%*
Sugars	13 g	**
Protein	19 g	
Vitamin D3 (as Cholecalciferol)	2,000 IU	500%
Calcium	80 mg	8%
Iron	7 mg	39%
Sodium	5 mg	<1%
<b>Proprietary Blend</b>	<b>28.7 g</b>	
Rice Protein (ORYZAPRO)		**
Organic Flaxseed Flour		**
Gum Arabic ( <i>Acacia senegal</i> )		**
Guar Gum		**
L-Glutamine USP	2.5 g	**
Medium Chain Triglycerides	1.5 g	**
Alpha Linolenic Acid (from Organic Flaxseed Flour)	1.2 g	**
Arabinogalactan Heartwood (from Larch Tree)	1 g	**
L-Lysine Hydrochloride USP	750 mg	**
Glycine USP	500 mg	**
L-Proline USP	500 mg	**
Quercetin Dihydrate	250 mg	**
Skullcap Root Extract (Standardized to contain 30% Flavones as <i>S. baicalensis</i> )	250 mg	**
Turmeric Root Extract (Standardized to contain 95% Curcuminoids)	250 mg	**
CAPE Powder (Standardized to contain 5% Caffeic Acid Phenethyl Ester)	200 mg	**
Ginger Root Extract (Standardized to contain 5% Gingerols)	100 mg	**
Green Tea Leaf Extract (Standardized to contain 45% EGCG (Epigallocatechin gallate))	100 mg	**
Rosemary Leaf Extract	100 mg	**

\* Percent Daily Values are based on a 2,000 calorie diet.  
\*\* Daily Value not established

### InflammCORE Natural Cherry

ID# 585730 733.6 Grams (25.87 Oz)

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## References

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