

# Hemp Oil Complex™

3-in-1 Benefit for Whole Body Support



Ingredients that provide antioxidant activity\*

## Hemp Oil Complex™



Consisting of omega-3 oil, hemp oil, TrueBroc® and broccoli, this unique formulation of ingredients combines to provide a 3-in-1 benefit for the whole body – supporting the endocannabinoid system, healthy inflammatory response, and endogenous antioxidant pathways.

#### Why use Hemp Oil Complex™?

- Support for the endocannabinoid system\*
- Support for the body's natural inflammatory response function\*
- Ingredients that provide antioxidant activity\*
- Non-genetically engineered hemp
- Gluten-free
- Combination of natural omega-3 fatty acids, including DHA, DPA and EPA
- Calamari oil certified sustainable from the independent nonprofit group
   Friend of the Sea®

**Suggested Use:** Two softgels per day, or as directed.

Servings per Container: 30

To learn more visit standardprocess.com/hemp-oil-complex

#### Supplement **Facts** Serving Size: 2 Softgels Servings per Container: 30 Amount per Serving %Daily Value Calories Total Fat Cholesterol 10 mg 5 mg Glucoraphanin DHA 130 mg 55 mg Omega-3 230 mg Omega-6 60 mg Proprietary Blend 867 mg Calamari oil, hemp oil (stalk and seed), TrueBroc®, and broccoli (aerial parts). \*Percent Daily Values are based on a 2,000 calorie diet. †Daily Value not established.

Other Ingredients: Gelatin, glycerine, water, dimagnesium malate, and beeswax,





# Supporting Systemic Balance Through Nutrition

Nutrition plays an important role in preserving various systemic and metabolic functions by supplying the appropriate dietary needs to the body system.

#### The Endocannabinoid System (ECS): An Important System for Whole Body Balance

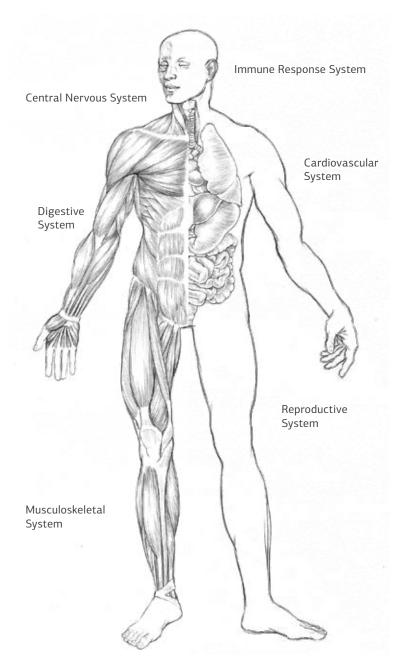
The ECS supports various functions in the body system. These may range from eating, sleeping, and relaxing, to more complex functions like neuroplasticity, metabolism, and inflammatory processes. A well-balanced ECS may support the regulation of systemic metabolism and support physiological homeostasis.<sup>1-4</sup>

## The ECS and Healthy Inflammatory Response Processes

It has been shown that omega-3 fatty acids and their specialized lipid mediators support activation of resolution pathways of the inflammation response, which is supported by receptors of the ECS.<sup>5-9</sup>

#### A Question of Balance: Ratio of PUFAs and Phytonutrients

Some phytonutrients found in whole foods and whole food-based ingredients may play an important role in the activation of CB receptors.



## The Need for Polyunsaturated Fatty Acids (PUFAs)

A large percentage of the U.S. adult population falls below the recommendations for omega-3 fatty acid consumption.<sup>10</sup> These fatty acids are not synthesized in the body and must be obtained from dietary sources.

# How PUFAs Support the ECS and a Healthy Inflammatory Response Process

Endocannabinoids are derivatives of PUFAs (mainly specialized endocannabinoidderived lipid mediators) and are critical in supporting the ECS.11-13 The plant-based phytocannabinoid-derived lipid mediators found in hemp oil may help to support the endocannabinoid tone within the body.<sup>14</sup> Dietary supplementation of DHA and EPA induces changes in omega-3 derived endocannabinoid production.<sup>15,16</sup> Furthermore, the hemp oil-derived fatty acids support the key inflammatory cascades involved in the resolution phase of the inflammation process, and therefore, a balanced essential fatty acid profile is critical in supporting the body's physiological tone and healthy inflammatory response processes.17

### The Benefit of TrueBroc® -Glucoraphanin From Broccoli

Cruciferous vegetables like broccoli are rich in sulfur-containing compounds called glucosinolates.<sup>18</sup> The biological actions of glucosinolate-derived isothiocyanates help support cellular antioxidant capacity.<sup>19</sup>



Hemp Oil Complex<sup>™</sup> is a convenient softgel providing glucoraphanin, omega-6 and omega-3 (DHA, EPA).

The key ingredients in Hemp Oil Complex™ are calamari oil, hemp oil (stalk and seed) TrueBroc®, and broccoli (aerial parts).

TrueBroc® is a trademark of Brassica Protection Products and is protected under U.S. Patent 8,927,007

## **A Unique Blend of Ingredients**

**Hemp oil** from non-genetically engineered hemp (stalk and seed).

**Calamari oil** certified sustainable from the independent nonprofit group Friend of the Sea®.

**TrueBroc®** and broccoli (aerial parts) rich in glucosinolates.



Key Ingredients	Health Benefits
Hemp Oil  Calamari Oil  Broccoli Powder  TrueBroc®	Supports the Endocannabinoid System*  Provides PUFAS which act as precursors for endocannabinoids.  Supports healthy Inflammatory Processes*  Contains PUFAs known to support available lipid mediators in the body involved in healthy inflammation processes.
Broccoli Powder TrueBroc®	Supports endogenous Antioxidant Pathways*  Contains phytonutrients from TrueBroc® known for

activating Nrf2/ARE pathways.

# TOGETHER, WE CAN TRANSFORM LIVES









Changing lives is our passion and has been since our company's inception in 1929. This passion is what drove our founder, Dr. Royal Lee, to develop and pioneer the first whole food supplement on the market, the revolutionary Catalyn<sup>®</sup>.

#### At Standard Process:

We change lives with our whole food philosophy.

We grow ingredients on our organic farm in Wisconsin.

We're serious about quality.

We make products to support the health of the whole family.

We partner with health care professionals.

We've been trusted for generations. Our products have been transforming lives since 1929.

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