# Standard Process® Hemp Oil Products

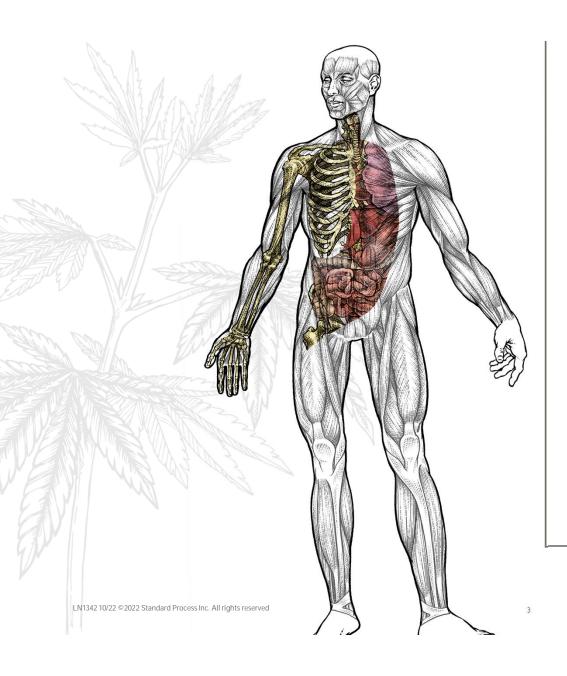


# What is the Endocannabinoid System (ECS)?

The endocannabinoid system (ECS) is a body-wide signaling network that promotes homeostasis and keeps the body's processes stable even when the environment changes.

A well-balanced ECS encourages favorable body conditions, while an endocannabinoid system deficiency can lead to a downward cascade of health challenges.





## The ECS helps to support:

- Central Nervous System
- Digestive System
- Hormones
- Bones
- Immune Response System
- Metabolism
- Muscles



# Why choose Standard Process Veterinary hemp supplements?

#### **Grown on our Organic Farm**

Our hemp is proudly grown on our certified organic farm, which helps preserve its exceptional quality from seed to supplement. Our hemp comes from organic, non-GMO strains.

#### **Exceptionally Clean Production Techniques**

Our Supercritical Fluid Extraction process provides a full-spectrum extract by utilizing carbon dioxide (CO2) instead of harsh solvents or chemical converting procedures.

#### **Strict Quality Standards**

Each batch of hemp oil is independently tested to ensure it lives up to our high expectations. The result is an ingredient that is pure, potent, and certified organic.

Alignedients that are not grown on our farm, or if our supply is short, are sourced from certified organic farms LN1342 10/22 ©2022 Standard Process Inc. All rights reserved



## Two Options to Help Support the ECS\*

## Hemp Oil

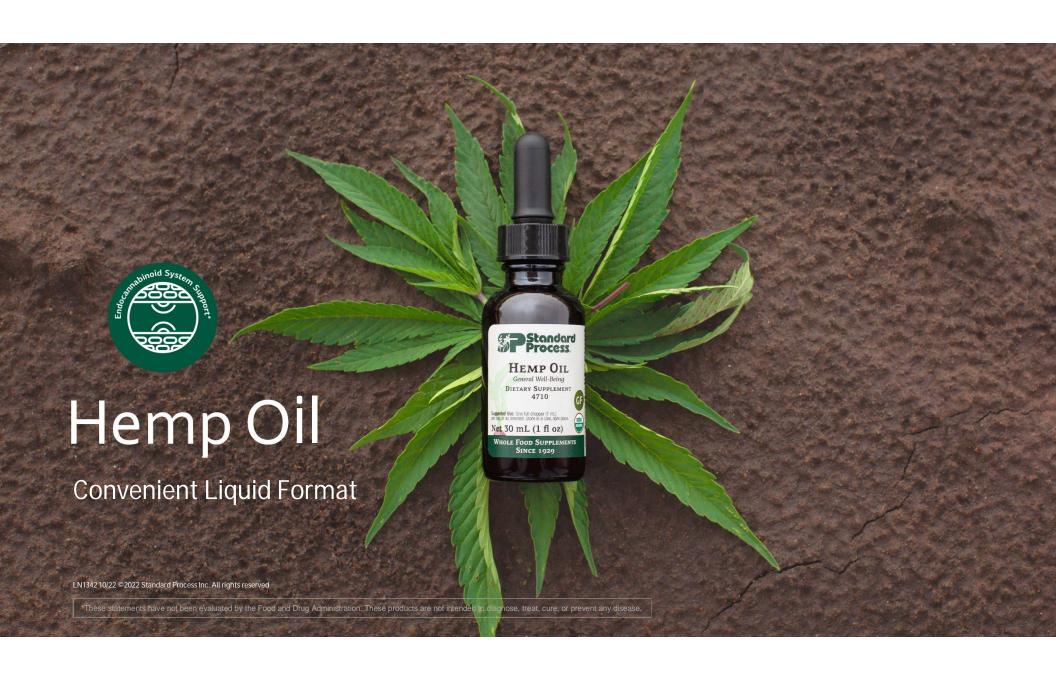


These statements have not been evaluated by the Food and Drug Administration. These products are not intended to diagnose, treat, cure, or prevent any disease.

## Hemp Oil Complex™







## Hemp Oil













Suggested Use: One full dropper (1 mL) per day, or as directed.

Hemp Oil from Standard Process provides 15 mg of phytocannabinoids per serving to support the endocannabinoid system.\*

- Liquid form
- Convenient, flexible dosing with a graduated dropper
- Contains full spectrum, organic, non-genetically engineered hemp, grown on the Standard Process certified organic farm<sup>^</sup>



Alngredients that are not grown on our farm, or if our supply is short, are sourced from certified organic farms

\*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.



## Hemp Oil

The recommended daily dosage is one full dropper (1 mL).



## HEMP OIL

General Well-Being

DIETARY SUPPLEMENT 4710

GF

ORGANIC

**Suggested Use:** One full dropper (1 mL) per day, or as directed. Store in a cool, dark place.

Net 30 mL (1 fl oz)

WHOLE FOOD SUPPLEMENTS
SINCE 1929

**Warning:** This hemp-derived product should not be consumed while pregnant or nursing. Keep out of reach of children.

#### **Supplement Facts** Serving Size: 1 mL

Serving Size: 1 mL Servings per Container: 30

|  | Amount  | per Serving | %D\       |
|--|---|-------------|-----------|
|  | Calories  | 10          |           |
|  | Total Fat   | 1 g         | 1%        |
|  | Organic Hemp Oil<br>(aerial parts)<br>contains 15 mg pl | 35 mg       | t<br>oids |
|  | Organic extra virgin olive oil                          | 880 mg      | 1         |

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

Standard Process Inc. 1200 West Royal Lee Drive Palmyra, WI 53156 Certified Organic by MOSA



03

\*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.





### Hemp Oil Complex™







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

Hemp Oil Complex is a unique formulation of ingredients, combined to provide a 3-in-1 benefit for the whole body – supporting the endocannabinoid system, inflammation response resolution pathways, and endogenous anti-oxidant pathways.\*

- · Contains 15 mg phytocannabinoids
- $\bullet$  Contains full spectrum, organic, non-genetically engineered hemp, grown on the Standard Process certified organic farm  $\hat{}$
- Combination of natural omega-3 fatty acids, including DHA and EPA
- Calamari oil certified sustainable from the independent nonprofit group Friend of the  $\mathsf{Sea}^{\$}$

^Ingredients that are not grown on our farm, or if our supply is short, are sourced from certified organic farms

\*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.





## Hemp Oil Complex™

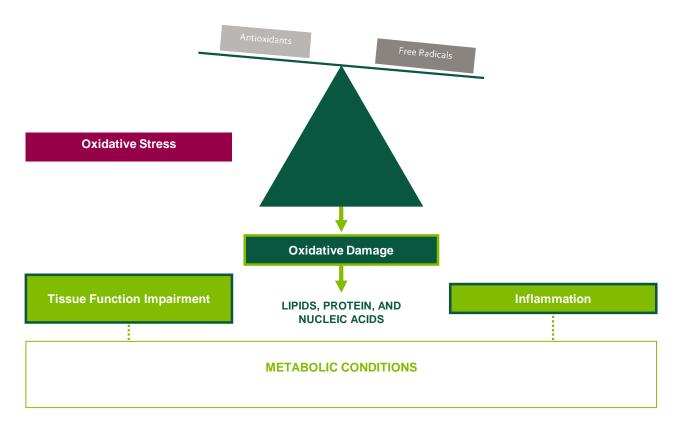
The recommended daily dosage is 2 softgels per day. The serving size is 1,120 mg (approx. 560 per softgel)



\*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.



## Oxidative stress and Inflammation: Imbalance of antioxidants and free radicals leads to:



- 1. Sacca et al., 2018; Nutrients
- 2. Adapted and Modified from Arulselvan P et al., Oxidative Medicine and Cellular Longevity. 2016



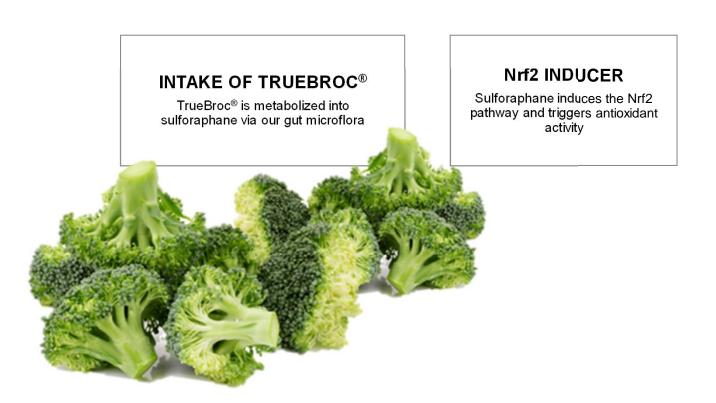


- Cruciferous vegetables like broccoli are rich in sulfur-containing compounds called glucosinolates
- Glucoraphanin, the type of glucosinolate in broccoli, helps to form sulforaphane<sup>1</sup>
- Project Non-GMO Certified
- 5 mg Glucoraphanin in Hemp Oil Complex
- Nrf2 Activator for Anti-oxidant response

1. Fahey, J.W., et al., Protection of humans by plant glucosinolates: efficiency of conversion of glucosinolates to isothiocyanates by the gastrointestinal microflora. Cancer Prev Res (Phila), 2012. 5(4): p. 603-11.

Standard Process

# TrueBroc® Supports Antioxidant Activities



#### **ANTIOXIDATION**

Helps to capture and inactivate free radicals

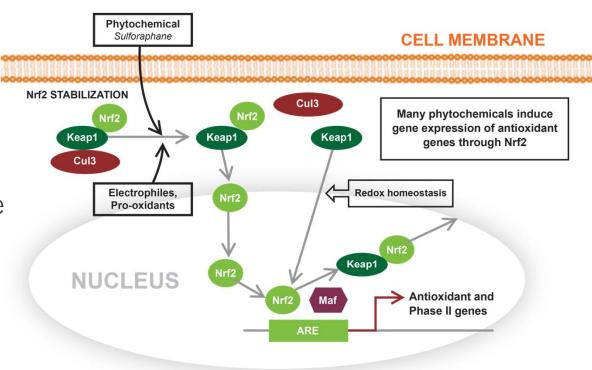
#### **BLOCKS NF-kB**

Promotes healthy inflammatory response pathways



# The Nrf2/Antioxidant Response Element (ARE)

Dependent genes code for several mediators of the antioxidant pathways that are involved in healthy inflammation processes.



- . Zakkar, M., et al., Activation of Nrf2 in endothelial cells protects arteries from exhibiting a proinflammatory state. Arterioscler Thromb Vasc Biol, 2009. 29(11): p. 1851-7.
- Ahmed, S.M., et al., Nrf2 signaling pathway: Pivotal roles in inflammation. Biochim Biophys Acta, 2017. 1863(2): p. 585-597



# Hemp Oil Product Options

| Product<br># | Product Name      | Content     | SLP     |
|--------------|-------------------|-------------|---------|
| 4710         | Hemp Oil          | 30 mL       | \$72.50 |
| 4700         | Hemp Oil Complex™ | 60 softgels | \$77.00 |





