

PHARMACEUTICAL-GRADE
LIPOSOMAL
NANOENHANCED
PHYTOCANNABINOID DIOL
HEMP EXTRACT

FORMULATED BY DR. CHRIS SHADE



PRIME  BODY

LIVE WELLNESS • CREATE LIFESTYLE

DID YOU KNOW?

We all have an Endocannabinoid System (ECS), first discovered in the late 1980s and only taught in 13% of medical schools. The ECS consist of receptors throughout the body mostly located in the brain and organs and are specifically tasked to receive and process nutritional cannabinoids. Research shows that the cannabinoids that bind to these receptors help regulate and promote homeostasis in your body. Disruptions in this process, through illness, injury or medication, can affect your body's ability to maintain balance. This elaborate cellular network is part of our immune system and when activated by taking phytocannabinoid diols (cannabinoids from cannabis) we have a better ability to fight, resist and assist in repairing the mind and body.

There are two major types of cannabinoid receptors in our bodies: CB1 and CB2. Activation of the extracellular portion of these receptors causes conformational change and initiates intracellular biochemical reactions. The vast number of Cannabinoid receptors and their prevalence throughout the body suggests a multitude of promising therapeutic targets.

CB1 receptors

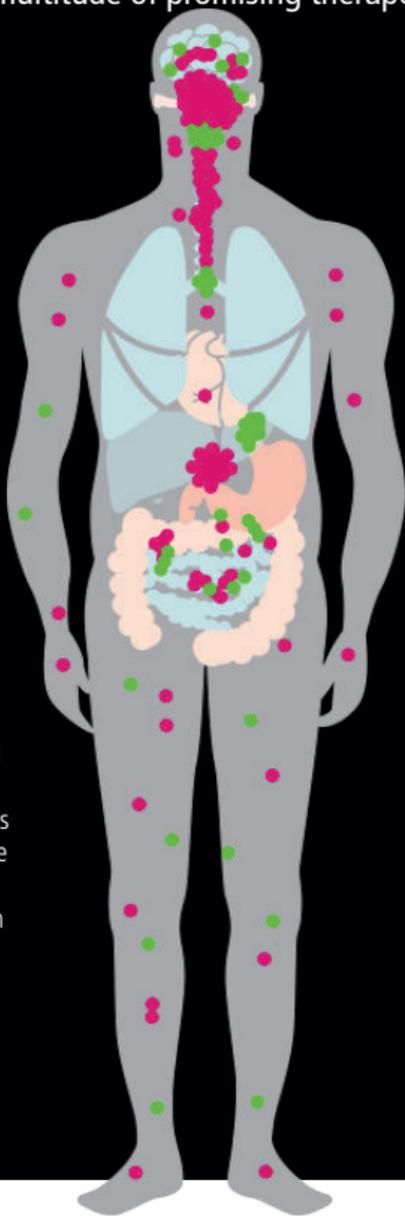
Found in nerve cells in the brain, spinal cord, but they are also found in some peripheral organs and tissues such as the spleen, white blood cells, endocrine gland and parts of the reproductive, gastrointestinal and urinary tracts.

In the brain, the CB1 receptors are abundant in the cerebellum, basal ganglia, hippocampus and dorsal primary afferent spinal cord regions, which is why cannabinoids influence functions such as memory processing, pain regulation and motor control. *

CB2 receptors

Found in white blood cells, in the tonsils and in the spleen. The immune cells also express CB1, although there are fewer of them than CB2. In the immune system, one important function of the cannabinoid receptors is the regulation of cytokine release.

Studies suggest that CB2 modulate the pain sensation and could play a role in various diseases, from liver and kidney problems to neurodegenerative diseases. *



*Progress in Lipid Research, P. Pacher, R. Mechoulam; 2011



Proprietary Formula



Lab Tested



Doctor Approved



Certificate of Analysis



GMO Free



Gluten Free



FDA cGMP

nutritional cannabinoids

**ENHANCE YOUR HEALTH IN WAYS
YOU NEVER KNEW POSSIBLE...
OUR HEMP OIL MAY ASSIST WITH**

SUPPORTING HEALTHY
IMMUNE FUNCTION

Cannabinoid receptors are found throughout the body, primarily in the immune system and the structures associated with healthy immune functioning. It is paramount these receptors are working properly to keep this important internal system functioning to protect you.

CALMING DOWN THE MIND
ENERGY & MOOD

Our endocannabinoid system serves to constrain HPA axis activity during times of stress. Cannabinoids has been shown, via mediation of the endocannabinoid system, to promote adaptation to stress and its physiological effects. Cannabinoids help with pain management and feelings of relaxation.

SUPPORTING NORMAL
NEUROLOGICAL
FUNCTIONS

Research on Cannabidiol (CBD) shows it to be neuroprotective in those with neurological conditions by supporting the regulation of inflammatory response in the nerves and muscles.

LESSENING OR STOPPING
PAIN & DISCOMFORT

Cannabinoids modulate the inflammatory response via multiple pathways, including suppression of overactive immune cells, suppression of pro-inflammatory cytokines and chemokines at inflammatory sites and enhanced Tcell activity.

**PHYTO-CANNABINOIDS MAY BE THE MOST
IMPORTANT SUPPLEMENT YOU ADD TO YOUR
HEALTH REGIMEN.**

These statements have not been evaluated by the FDA. This product is not intended to diagnose, treat, cure or prevent any disease or illness.

Dr. Chris Shade's proprietary formula offers you the power of intravenous therapy within a convenient oral delivery system. Typical absorption of phytocannabinoid diol oil is poor, with only about 10% uptake in the GI tract. Liposomal encapsulation has been shown to increase absorption five to ten fold. PMB's hemp extract outperforms other supplements thanks to smaller, more stable, single-layer spheres made from the highest-grade ingredients available.

LIPOSOME DELIVERY

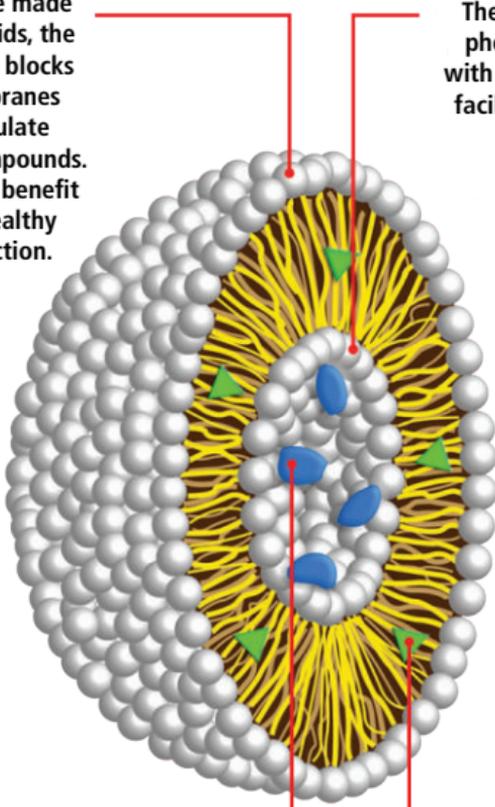
UP TO 10Xs MORE ABSORBING THAN OTHER OILS

FUNDAMENTAL
Liposomes are made of phospholipids, the basic building blocks of cell membranes and encapsulate nutritional compounds. The combined benefit promotes healthy cellular function.

BIOAVAILABLE
These encapsulating phospholipids bond with cell membranes to facilitate intracellular delivery.

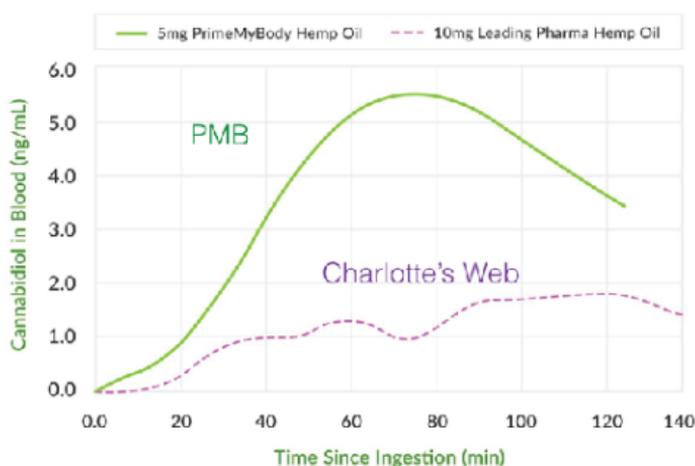
SMALL & FAST
Our tiny liposomes are rapidly absorbed starting in the mouth.

HIGHEST QUALITY
We use the same laboratory equipment, rigorous processes and tight particle-size controls used by the best pharmaceutical companies.



WATER-SOLUBLE COMPOUNDS

LIPID-SOLUBLE COMPOUNDS



ACTIVATE YOUR ENDOCANNABINOID SYSTEM

Scientific research has shown that phytocannabinoids may be therapeutic for many conditions, including those listed below.

List and information compiled by ProjectCBD.org

Acne	Diabetes	Neurodegeneration
ADD/ADHD	Endocrine disorders	Neuropathic pain
Addiction	Epilepsy/seizure	Obesity
AIDS	Fibromyalgia	OCD
ALS	Glaucoma	Osteoporosis
Alzheimer's	Heart disease	Parkinson's
Anorexia	Huntington's	Prion/Mad Cow disease
Antibiotic resistance	Inflammation	PTSD
Anxiety	Irritable bowel	Rheumatism
Atherosclerosis	Kidney disease	Schizophrenia
Arthritis	Liver disease	Sickle cell anemia
Asthma	Metabolic syndrome	Skin conditions
Autism	Migraine	Sleep disorders
Bipolar	Mood disorders	Spinal cord injury
Cancer	Motion sickness	StressStroke/TBI
Colitis/Crohn's	Multiple Sclerosis	
Depression	Nausea	

WHAT PEOPLE ARE SAYING

"I feel Fantastic!"

You can definitely tell the formulation is prime, as I have never experienced a plant-based water soluble oil, as smooth and pleasant as superior. No harsh plant taste. No alcohol. No chunks of non-synthesized ingredients. Just a hint of citrus, actually. Never seen such an advanced line up of ingredients to compliment the medicinal extract. Experienced a subtle feeling of relaxation in the eyes and shoulders with a slightly uplifted attitude toward the day.

James W. Durango, CO

"My husband says, this product has given me my wife back!"

Struggling with mental and emotional stress and mood disorders for nearly 3 decades, I was recently introduced to PMB's Hemp Oil from a group of close friends. After my first taste of Hemp Oil, everything dramatically changed! I felt the clouds lift & my mind became clear. It's like someone turned ON the lights in my brain! I continue to take the Hemp Oil on a daily regime and my mind has stayed clear; my emotions are kept at balance; I sleep significantly better; I feel happy, motivated, creative, energetic & focused; my productivity has gone up at home and work; I am more calm & relaxed; I don't get stressed over the little things; and most importantly, I feel like I have my life back.

Sherry S., Salt Lake City, Utah

PRIME  BODY
INDEPENDENT AFFILIATE

WHAT IS THE PROCESS USED TO MAKE THE OIL?

Through a super critical (high pressure) CO2 extraction process.

WHAT GETS TAKEN OUT?

Terpenoids? — Some remain and some are lost. **Other cannabinoids?** — What remains is a natural spread of plant cannabinoids. **Pollutants?**— We purify the oil we get from our European source to remove any contaminants.

IS THE HEMP OIL LEGAL?

Yes, our product is an imported industrial hemp (from Europe) specifically cultivated for consumer use, and complies with federal regulation for distribution in the US and abroad. Our hemp oil is about 100 x's below the federal limit of 0.3% THC at 0.02 to 0.03% concentration.

WHAT PART OF THE PLANT IS USED?

PMB uses all parts of the hemp plant to produce its hemp oil. Is it essentially a full hemp plant extract with most synergistic components left intact.

IS NANOTECHNOLOGY USED?

The formation of our extract produces particle sizes below 100 nanometers (nm), which some people would call nanoenhanced because of the size. These lipid particles are very similar to particles the body makes, called chylomicrons, to move triglycerides; these natural particles are in the 50-200 nm range.

WHEN NANOENHANCED, HOW MUCH DOES THAT INCREASE THE DOSAGE BY?

The dosage is 400 mg per 1.7 oz bottle. Unpublished third party studies indicate a 6X increase in system uptake through our intra-oral delivery system.

ARE ALL THE SYNERGISTIC COMPOUNDS LEFT INTACT?

Most of them, with no change in molecular structure.

WHAT IS THE PURPOSE OF THE PHOSPHATIDYLCOLINE?

It is the emulsifier used to stabilize the small oil droplets and it is a highly beneficial nutrient that is a choline source and beneficial for cell membrane, liver and brain function.

IS THE HEMP THC FREE?

It is about 100X's below the federal limit of 0.3% THC at 0.02 to 0.03% concentration.

IS THE HEMP CERTIFIED ORGANIC?

The hemp we source, though not certified organic, is of the highest quality. To be clear, organic certification programs for hemp oil do not exist within the USDA. However, farms that grow our hemp have records that go back 15+ years; indicating what has been planted in that ground and if they have used any herbicides, fungicides or pesticides. Further, hemp farmers typically implement organic growing methods as a best practice, by default.

DO YOU TEST FOR PURITY & POTENCY?

Each of our batches is tested for impurities and quality consistency. CofA's are posted online on the product page on the website. Click on the CofA icon. We test by the batch, not by the liter—which would be cost-prohibitive.

HOW CONCENTRATED IS THE CBD?

The concentration varies from 6-6.6 mg/ml. This yields a 92-95% formulation. Ours is a broad spectrum phytocannabinoid diol, not an isolate.

IS IT SAFE FOR ALL AGES?

From infants to kids and adults to the old of age, studies have shown hemp oil to be safe to use, and its benefits well documented.