

## CREATED BY PET LOVERS RECOMMENDED BY VETS ENJOYED BY PETS

At HEMPPET<sup>TM</sup>, we understand that pets are beloved members of the family, and as such, deserve the best possible care. With this in mind, we have developed a range of hemp-based products that offer a natural and effective alternative. Our products are the result of collaboration between Australian scientists, hemp industry experts, naturopaths, and veterinary professionals, ensuring that they are backed by the latest scientific research and expertise.

HEMPPET™ is proud to be the first Australian made hemp range to be introduced to the Australian pet market. HEMPPET™ products are exclusively manufactured in Australia and we recognise our obligation to provide quality care not only to our customers and their pets, as well as the environment. We value the health of our planet and all creatures living on it, and as such, exclude any genetically modified components, synthetic or toxic substances in the production of our products.



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# Full Spectrum Hemp Drops

**Veterinary Guide** 

#### **About Hemp Drops**

Throughout Australia, veterinary clinics are successfully administering Hemp Drops to their patients with positive outcomes. As a trusted supplier, HEMPPET™ offers a safe and accessible product to pet owners through the guidance of qualified veterinarians. An increasing number of veterinary clinics are receiving enquiries about the use of hemp/CBD oil as a natural option for treating various health concerns. These concerns may include skin irritation, behavioural problems, anxiety, joint pain, and arthritis.

Hemp Drops can be utilised to address these common health issues and can also be incorporated into a multi-modal treatment plan for pain management, anxiety reduction, and palliative care.

#### **Full Spectrum Hemp Concentrate**

Hemp Drops contain full-spectrum concentrate from Australian grown, low-THC hemp, manufactured utilising a proprietary method, utilising natural hydrocarbons. A 15ml bottle contains 300mg of CBD and a 50ml bottle contains 1000mg of CBD in the full-spectrum hemp concentrate.

Full-spectrum whole-plant hemp concentrate includes all of the naturally occurring phytocannabinoids, terpenes, flavonoids, waxes and lipids in the hemp plant. The proprietary method used, simply concentrates the beneficial compounds from the entire plant at a ratio of approximately 10:1.

The full-spectrum hemp concentrate is suspended in a blend of carrier oils (Australian hemp seed oil and MCT), with the addition of Vitamin E as a natural antioxidant.

A Certificate of Analysis (CoA) is available upon request.

All batches are tested by independent third parties for potency, purity and safety.

Hydrocarbon Hemp Concentrate, Hempseed Oil, MCT (Medium-Chain-Triglycerides) derived from Coconut Oil and Vitamin E.

**Ingredients** 

#### The Endocannabinoid System

The endocannabinoid system is present in almost all animal species, including vertebrates and invertebrates. It is a system of lipid-based neurotransmitters and receptors occurring through the central nervous system and peripheral nervous system.

Endocannabinoid system receptors are found throughout the body. Endocannabinoids bind to them in order to signal that the endocannabinoid system needs to take action.

The dominant phytocannabinoid in Hemp Drops is CBD, which is non-psychoactive and interacts with endocannabinoid system receptors that send messages to maintain regulation in many body systems. Other phytochemicals from the hemp plant, such as terpenes, have proven benefits, too.

Using a full spectrum product creates what is commonly referred to as the ENTOURAGE EFFECT. Increased efficacy has been observed via the interaction with the endocannabinoid system when compared to using isolated cannabidiol (CBD), commonly referred to as CBD isolate.

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#### **Indications of Use**

- Chronic pain and inflammation
  - Musculoskeletal conditions, such as osteoarthritis and degenerative joint disease
- Neurological
  - · Idiopathic epilepsy, seizures, myelopathy
- Immunological diseases
  - Immunological disorders such as IBD, chronic allergies
- Palliative Care
  - Its wide application has the potential to reduce the need for polypharmacy
  - · Insomnia and night distress
- Behavioural management
  - · Anxiety, stress, and fear related conditions
- Oncology
  - May assist with nausea and pain, resulting in a reduction of anorexia. May abet inhibition of metastasis





- Dosing CBD is generally "start low and go slow."
- The margin of safety for CBD is so broad, there is little concern for negative side effects with the exception of idiosyncratic responses.
- Hemp Drops dosing guide starts at 0.4 mg/kg of CBD given orally twice daily. Dosing is titrated slowly over time until efficacy is achieved. The low dose range for CBD is 0.5mg/kg 2.5mg/kg BID, titrated slowly.
- The bioavailability of hemp absorbed through the oral mucosa/sub-lingually is roughly double compared to when it is ingested and filtered through the liver. We suggest dropping directly onto the dog's tongue and/or gums.

#### Cautions

Cannabinoids affect the CYP450 enzyme system, which may alter the effect of other liver-metabolised medications. These medications may require a change in dosage.

Some mild adverse effects have been reported, predominantly mild gastrointestinal issues.

Research on the safety of CBD in dogs indicates that it is generally well-tolerated in dogs. It is recommended to regularly monitor liver enzyme levels during prolonged use, as high doses have demonstrated a low probability of hepatotoxicity.

Further information can be found on www.hemppet.com.au www.hemppet.au