



David Anderson | California Vision

# Hausdog Pet Oil Concierge



# Overview

- What is Hausdog Pet Oil?
- Why is a Concierge service needed?
- Fine Tuning Goals
- How do TruLens & Streamlit deliver a solution?



# Hausdog Pet Oil



- Hemp Deriv
- Lab teste
- <0.3% TH

**240ml - 2200mg CBD**

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## Introduction

- Hausdog Pet Oil is a hemp-derived product for pets. There is anecdotal evidence that the oil helps pets with chronic pain and other conditions.
- The Concierge will give users information and offer suggested dosing guidelines.

# Why is a Concierge needed?

- Cannabidiol (CBD) is a potent substance in concentrated form. Care should be taken when using Hausdog Pet Oil with small animals, especially those weighing under 10 pounds.
- Larger Pets benefit from optimized dosage levels based on bodyweight. Take the guesswork out of your pet's routine!



## No THC Formula

Hausdog Pet Oil is a hemp-derived product for pets that is produced from organic hemp grown in California.

The biomass used in production and the current batch have HPLC testing sheets issued by Alkemist Labs in Garden Grove, CA.

Pet owners deserve to get what they pay for when buying hemp products that advertise a certain amount of CBD. Hausdog Pet Oil has been verified through testing at Alkemist Labs. This testing shows that:

- Hausdog Pet Oil is federally-compliant.
- The biomass used to create the final product tested at less than 0.3% THC.
- The current batch of Pet Oil has been tested and contains less than 0.3% THC.
- The current biomass used for producing our pet oil has an excellent cannabinoid profile.
- The current cannabinoid profile contains many cannabinoids that are discussed in current veterinary literature.

## Made in California



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# Answer Dosage Questions

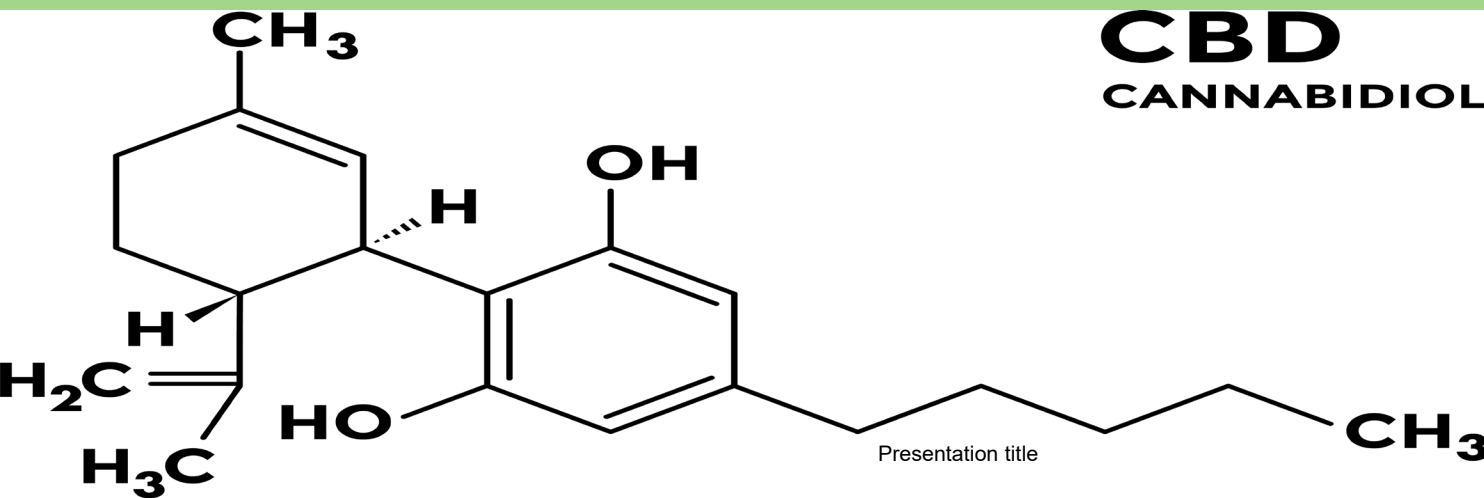
# Fine Tuning

The Hausdog Pet Oil Concierge can assist pet owners by helping them create an account where they can select characteristics of their dog.

The LLM should be able to have a conversation with the pet owner and hold the gathered information so that an account can be pre-populated with pet information when the customer is ready to create an account.

The customer should be able to get dosage information and purchase pet oil without creating an account. The pet oil is a concentrated product and care must be taken for small pets not to ingest too much. The Concierge should be able to deliver recommendations in markdown format.

The Concierge will generate a Plan and Dosing Sheet PDF based on information supplied by the pet owner.



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# TruLens & Streamlit

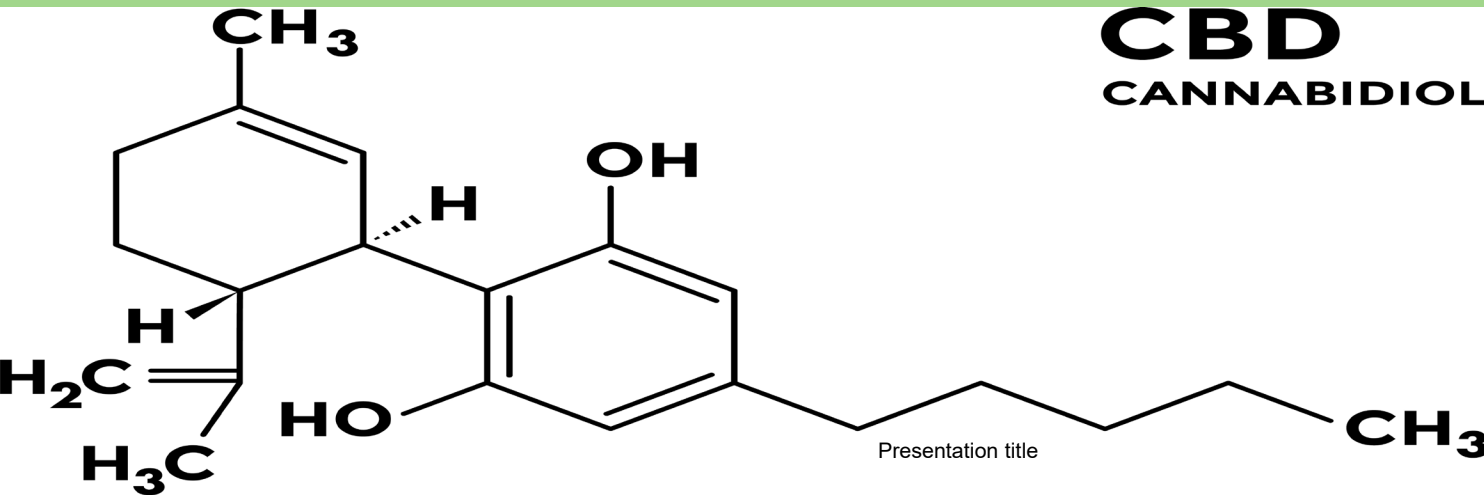
# Next Steps

The repo with Trulens and VertexAI did not work as I hoped. My submission demonstrates that I can set up the DevOps flow to build a project and deploy it via VS Code, GitHub, and Streamlit in Python.

I am requesting support for California Vision to further develop the repository found here: <https://github.com/calivision/hackathon-test-project/blob/main/ragtest.py> - I am currently unable to generate responses to questions related to dosing quickly and accurately for customers.

I have a large amount of research and other documents related to CBD products and testing result that I plan to integrate to the RAG system. TruLens will allow me to be the human-in-the loop as part of fine-tuning. The workflow that I have set up will allow me to onboard team members and make progress quickly.

Thank you for considering my submission!  
David Anderson, California Vision, Inc. | <https://california.vision>



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