



# Pet Formulated Concentration and Dosing Guide

## CBD Concentrations

### 250mg/1oz

1ml of liquid volume contains 8.3mg of CBD. The dropper is designed to hold this volume but is not consistently accurate if precise dosing is needed. At this low concentration the variation is minimal and dosing "per dropper" is safe and recommended for animals requiring 7-9mg per dose.

One single drop of CBD extract contains 0.2mg of CBD

### 500mg/1oz

1ml of liquid volume contains 17mg of CBD. The dropper is designed to hold this volume with 1 full depression of the dropper, but is not consistently accurate if precise dosing is needed. At this low concentration the variation is minimal and dosing "per dropper" is safe and recommended for animals requiring 15-17mg per dose.

One single drop of CBD extract contains 0.4mg of CBD

### 1000mg/1oz

1ml of liquid volume contains 33mg of CBD. The dropper is designed to hold this volume with 1 full depression of the dropper, but is not consistently accurate if precise dosing is needed. At this concentration the variation is minimal and dosing "per dropper" is safe and recommended for animals needing 30-35mg per dose.

One single drop of CBD extract contains 0.8mg of CBD

### 5000mg/2oz

1ml of liquid volume contains 84mg of CBD. The dropper is designed to hold this volume with 1 full depression of the dropper, but is not consistently accurate if precise dosing is needed. While in lower concentrations minor fluctuations will not significantly impact results and safety of the extract, at this higher concentration it is recommended that dosing be performed only in number of single drops, or animals needing 80-85mg per dose.

One single drop of tincture contains 2.8mg of CBD

## Dosing

Each individual animal's requirements are different based on primary concerns (anxiety, pain management, seizure control, etc.) and existing endocannabinoid function. Due to the fact that endocannabinoid function cannot be measured, it is recommended that a low "starting dose" is implemented with the understanding that this can be increased slowly to find the lowest, effective dose per day. Many animals are well managed at the starting dose, but directions to increase this dose safely are included below.

### Dogs 2 years and older

Recommended "Starting Dose" is 1mg of CBD per 10lbs of body weight, twice daily.

•For example, a 5lb Chihuahua would be given 0.5mg of CBD twice daily as a starting dose. A 20lb beagle would be given 2mg of CBD twice daily as a starting dose. The liquid may be dropped onto a treat or directly in the mouth.

### Dogs less than 2 years of age

Please contact your veterinarian directly for more information.

**Follow these steps to safely increase CBD dosing. When desired effect is reached, simply dose at the step where this was achieved.**

1. Give the starting dose consistently for one week prior to making any dosing changes.
2. Double the evening dose first. Give this new dosing consistently for one more week.

3. Double the morning dose. Give the increased morning and evening dose for one week.
4. Increase morning and evening dose by 25% -OR- add a third dose during the day (giving the CBD every 8 hours). The new mid-day dose should be equal in volume to the morning and evening dose of Step 3.
5. Increase each dose by 25% (this applies if you are giving two or three doses per day). Give this increased dose for 1 week. Continue increasing at this volume and giving the new dose one week each time until clinical benefit is appreciated.

**SAFETY CONSIDERATION:** During the process to find an effective dose do NOT exceed 1mg of CBD per ONE POUND of body weight. Contact your veterinarian if you reach this dose and clinical benefit is not appreciated.

This means if you have a 10lb dog, do not exceed 10mg of CBD per dose. CBD is an extremely safe supplement and this dose is not considered dangerous, but exceeding this dose may cause excessive sedation which is not desired, and should only be given with additional guidance.

## Cats 2 years and older

Cats 10lbs and under: Recommended "Starting Dose" is 0.5mg, twice daily Cats greater than 10lbs: 1mg of CBD, twice daily.

- For example, a 7lb cat should receive 0.5mg twice daily; a 13lb cat would receive 1mg twice daily.

## Cats less than 2 years of age

Please contact your veterinarian directly for more information.

**Follow these steps bellow to safely increase CBD dosing for cats. When desired effect is reached, simply stop at the step where this was achieved.**

1. Give the starting dose consistently for one week prior to making any dosing changes.
2. Cats under 10lbs, increase morning and evening dose by 0.5mg and give this higher dose consistently for one week. Cats over 10lbs, increase morning and evening dose by 1mg and give this higher dose consistently for one week. Continue to increase at this rate until desired result is appreciated.
3. The option to add a third dose per day is available, however it is not recommended for cats that become stressed during dosing. If your cat is tolerant of dosing, or will eat the CBD hidden in food, you can start by increasing the dose to three times per day. If this is not effective, follow the directions in step two to increase each dose appropriately.

**SAFETY CONSIDERATION:** During the process to find an effective dose do NOT exceed 1mg of CBD per TWO POUNDS of body weight. Contact your veterinarian directly if you reach this dose and clinical benefit is not appreciated.

This means if you have a 10lb Cat, do not exceed 5mg of CBD per dose. CBD is an extremely safe supplement and this dose is not considered dangerous, but exceeding this dose may cause excessive sedation and should not be given without guidance.

**When to increase "starting dose":** Severe anxiety, severe pain, cancer, and seizures often require a higher dose to reach an effective level quickly. For dogs, simply use Step 3 of the increase process as your starting point. For cats, double the recommended starting dose. Once the adjusted starting dose has been given for 2 weeks, it is safe to increase. If you are managing a serious case it is recommended that you work with a veterinarian or contact your veterinarian directly for more guidance and support.



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