**Supplementary Appendix S1**

Owner diary for response and monitoring. All dogs were monitored using an owner diary for efficacy and safety until completion of the study. Information collected in the study diary is outlined in this file.

**Summary Document of 18-Day Study Diary:**

At each scheduled time point, owners of dogs enrolled in the study recorded the following information in the study diary. The study diary was reviewed by investigators and additional information was obtained based on owner responses regarding protocol deviations, study dropout, or adverse events.

**Data Regarding Diarrhea (Daily)**

1. Since the last diary entry, is your dog continuing to have diarrhea? (Yes or No)
2. Since the last diary entry, what has the consistency of your dog’s diarrhea been? (Normal, Mild, Moderate, Severe)
3. Since the last diary entry, do the stools contain fresh blood, mucus, or foreign material?
4. Since the last diary entry, do the stools contain any other admixtures?
5. Since the last diary entry, has the volume of feces changed compared to what is normal for your dog? (Decreased, Normal, Increased)
6. Since the last diary entry, how frequently has your dog defecated? (<1x daily, 1x daily, <3x daily, >3x daily)

**Data Regarding General Wellness (Study Days 1 and 18)**

1. How would you rate the efficacy of the medication provided? (Poor, Moderate, Good, Very Good)
2. How would you rate your dog’s tolerance to the medication provided? (Poor, Moderate, Good, Very Good)
3. How would you rate your dog’s health? (Poor, Moderate, Good, Very Good)

**Data Regarding Protocol Adherence (All Study Diary Entries)**

1. Did you administer the study medication? (Yes or No)
   a. If no, the diary provided an opportunity to record specific information pertaining to the deviation.
2. Did your dog’s diet change? (Yes or No)
   a. If yes, the diary provided an opportunity to record specific information pertaining to the deviation.
3. Did your dog receive any other supplements, nutraceuticals, or medications? (Yes or No)
   a. If yes, the diary provided an opportunity to record specific information pertaining to the deviation.
4. Did your dog experience any changes in its general husbandry? (Yes or No)
   a. If yes, the diary provided an opportunity to record specific information pertaining to the deviation.

**Data Regarding Adverse Events (AE):**

The owners were asked to record any AE that occurred during the study. At each study visit, the investigator used a clinical history and physical examination to provide further documentation as to whether an AE had occurred.

Each owner diary had a specific page dedicated to AE data collection on a per date basis. If a suspected AE occurred, the owner was asked to detail it in the diary, contact the study site, and record the start date and time. The owners were instructed that any untoward medical occurrence was to be recorded whether or not they felt it was study related.

1. Did adverse events occur? (Yes or No)
   a. If yes, the investigator would contact the owner to review and ensure completion of a detailed adverse events form.

Investigators immediately reported to the sponsor (within 48 hours after becoming aware of the event) all AEs that occurred during the course of the study, whether or not they were causally related to the study medication. Investigators noted severity, stop date and time, relationship to study medication as described in the materials and methods, action taken, and outcome of all AE.

**Data Regarding General Comments**

The owners were provided a space to respond freely with any other issues, concerns, or other information at the end of each diary entry.