



Adamson Analytical Laboratories

ZONE OF INHIBITION TESTING - 06/09/2020

SKOUT'S HONOR - PATENT-PENDING FORMULA

ABSTRACT:

Thirty years ago, even though the systemic yeast infection, called *CANDIDIASIS* had already become an epidemic, practically no one knew anything about it. Even now conventional medicine tends to ignore the problem, but word has spread among health-conscious consumers. Key signs that an animal has this type of infection include itch, odor, licking, scratching, swelling and redness.

Candida albicans, which causes candidiasis (yeast infection), is a single-celled organism that is both a yeast and fungus. It occurs naturally in the digestive and genital tracts and in healthy bodies is kept in check by beneficial bacteria. Dogs with a disrupted micro-biome are susceptible to candidiasis. Candidiasis is an underlying cause of many skin and coat problems, allergies, fungal infections, dog ear infections, digestive problems, food sensitivities, and other symptoms in our canine companions.

Skout's Honor consistently receives antidotal evidence that has lead us to believe that our topical probiotic is effective at controlling *Candida albicans* (yeast) growth and aides in the maintenance of a healthy skin biome. To prove this theory, we conducted a Zone of Inhibition test through a 3rd party lab. The test conclusively proved that our proprietary mix of beneficial yeast and bacteria (the Probiotic) effectively inhibits the growth of *Candida albicans* (yeast).

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TEST ORGANISMS: *CANDIDA ALBICANS* (YEAST)

- PROCEDURE:**
- Weight 5 g of the sample and add 5 ml of PBS (Phosphate Buffered Saline)
 - Soak the sterile disks in 0.1 ml of the sample and let it dry.
 - Prepare the serial dilution of the test organism to get a concentration of 10^4 CFU/ml.
 - Pipet 1 ml of 10^4 dilution on to the sample plates and let the plates dry.
 - Place the soaked disk in an inoculated agar plates.
 - Incubate *Candida Albicans* (ATTC 10231)/SDA plates at 30-35°C for 5-7 days.
 - Measure the diameter of the inhibition zone for three plates and take the average.

- RESULTS:**
- *Candida Albicans* (ATTC 10231)
 - Plate 1: 20 mm, Plate 2: 20 mm, Plate 3: 19 mm
 - Average = 19.7 mm Inhibition Zone

CONCLUSION: Sample Name: Skout's Honor Probiotic Blend (Kefir)
Lot Number: 203140
Sample Description: Concentrate, plastic container BULK

ANALYSIS

Zone of Inhibition

RESULTS

19.7 mm

METHOD

Microbiological

*actual photo

