EFFECT OF THE DIFFERENCE COMERCIAL DIETS TO pH AND SPECIFIC GRAVITY URINE OF CATS

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ABSTRACT

The aim of this study was observed pH and Specific Gravity urine of cats. The 18 cats were divided into three groups with six cats of each group. The cats in the group P0 were fed with steamed fish as a control, group P1 were fed with dry cat food, and group P2 were fed with canned cat food. All cat were fed twice a day for 21 days. Urine samples were tested for pH and Specific Gravity before the maintenance and in the end of maintenance days of 21. The pH and Specific Gravity data were analyzed with Univariate ANOVA test. The result showed that all cats excreted acid urine (pH<7) with normal Specific Gravity and there was no statistical difference in urine pH and Specific Gravity (P>0,05). It could be concluded that either dry cat food nor canned food have same effect in cats urine equally.

Key word: dry cat food, canned cat food, urine, pH, Specific Gravity.