

**MEDIUM CHAIN GLYCERIDE, OLIGOSACCHARIDE AND AROMATIC
COMPOUNDS AS ADDITIVE IN BROILER DIET**

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An undergraduate thesis presented to the faculty of the Department of Animal Science,
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BIOGRAPHICAL SKETCH

The author, JEMICA BONGON QUITORIO, was born on December 15, 1996 in Quezon, Nueva Ecija. She is the first born among the two daughters of Mr. Francis P. Quitarior and Mrs. Rica B. Quitarior.

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MEDIUM CHAIN GLYCERIDE, OLIGOSACCHARIDE AND AROMATIC COMPOUNDS AS ADDITIVE IN BROILER DIET¹

by

Jemica B. Quitaro

ABSTRACT

A 35-days feeding trial was conducted to evaluate two phytogetic feed additives (PFAs) mainly; synergist blend of citroflavonoid (SBC), limonene, lemon essential oil (LEO) pectic oligosaccharide (PO), aromatic compounds (AC) and medium chain glyceride (MCG) as additive in broiler diets. A total of 480 broiler chickens were randomly distributed to four dietary treatments with 10 replications and 12 birds per replicate. Dietary treatments were: Negative control (no antibiotics and no PFAs), Positive control (with antibiotics) and two diets having PFAs. One-way ANOVA was used to analyze the data. Results indicated that feeding diets with PFAs had no significant effect on the average daily gain (ADG), average daily feed intake (ADFI), feed conversion ratio (FCR), income over feed cost (IOFC), livability, morbidity and carcass characteristics of broiler chickens.

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