

**TOLERANCE OF PHILIPPINE NATIVE CHICKEN TO TURMERIC (*Curcuma longa* L.)**

**EXTRACT CAPSULE**

A Project Report

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By

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**ABSTRACT**

This study aimed to determine the tolerance of Philippine native chicken to turmeric (*Curcuma longa* L.) extract capsule. The utilization of turmeric extracts (TE) in this study was based from a previous study conducted which revealed that TE was effective against *Ascaridia galli*. Thus, the turmeric extracts processed into capsules were utilized in this study to determine the dose that can be tolerated by the Philippine native chickens. Any changes were recorded through photos or videos and were noted upon administering the treatment. Twenty four Philippine native chickens were introduced with four different dosage allocating six chickens for each treatment set. The first set was administered with a base dose of 300 mg TE capsule, the second test with 500 mg TE capsule, the third set with two 500 mg TE capsules (1000 mg) and the last set of test were given four 500 mg TE capsules (2000 mg) . The birds were observed individually with their respective treatment dosage during the first 30 minutes then periodically for 4 hours within the 24-hour test. The dosages were further increased using another set of chickens when the test chickens survived the base dose. The results revealed that the chickens survived even the highest dose of 2000 mg indicating that the TE is likely to be nontoxic to the Philippine native chickens.