ABSTRAK

Labu kuning *(Cucurbita moschata Durch)* ialah bahan pangan gizi baik guna tubuh manusia. Kandungan labu kuning membantu guna meningkatkan kadar Hb di sel darah merah (eritrosit), selain kandungan zat besi, kandungan lainnya diantaranya yaitu vitamin c dan betakaroten. Peneliti ini bertujuan mengetahui pengaruh rebusan labu kuning pada kadar Hb mencit. Peneliti ini memakai metode eksperimen teknik analisa kuantitatif memakai *Hematology Analyzer* Sysmex XS-500*i* dikerjakan di Laboratorium Kesehatan Surabaya dari Maret – April 2023. Sampel yang dipakai ialah mencit *(Mus musculus)* berjumlah 24 ekor yang di dapat dari pusat veteriner farma Surabaya (PUSVETMA). Hasil penelitian didapat nilai rerata kadar hemoglobin di kelompok A dengan konsentrasi 0,5 mL ialah 9.6 g/dl lalu di kelompok B dengan konsentrasi 1 mL ialah 10.45 g/dl dan di kelompok C dengan konsentrasi 2 mL yaitu 18.0 g/dl. Didasarkan uji one way anova nilai sig. sebesar 0,000 < 0,05 terdapat beda nilai rerata hemoglobin di masing – masing kelompok perlakuan. Hingga bisa disimpulkan bahwasannya semakin tinggi konsentrasi rebusan labu kuning bisa membantu meningkatkan kadar hb di mencit *(Mus musculus).*

Kata kunci : *Labu kuning, Hemoglobin, Mencit.*

ABSTRACT

Pumpkin (Cucurbita moschata Durch) is one of the local food ingredients which has very good nutritional value for the human body. The content of pumpkin helps to increase Hb levels in red blood cells (erythrocytes), apart from iron content, other ingredients include vitamin C and beta-carotene. This researcher aims to determine the effect of pumpkin stew on Hb levels of mice. This researcher used an experimental method with quantitative analysis techniques using the Sysmex XS-500i Hematology Analyzer which was carried out at the Surabaya Health Laboratory from March to April 2023. The samples used were mice (Mus musculus) totaling 24 which were obtained from the Surabaya Farma Veterinary Center (PUSVETMA). The results showed that the average hemoglobin level in group A with a concentration of 0.5 mL was 9.6 g/dl, in group B with a concentration of 1 mL, namely 10.45 g/dl and in group C with a concentration of 2 mL, namely 18.0 g/dl. Based on the one way ANOVA test, the value of sig. equal to 0.000 <0.05 there is a difference in the average value of hemoglobin in each treatment group. So it can be concluded that the higher the concentration of pumpkin decoction can help increase Hb levels in mice (Mus musculus).

Keywords: Pumpkin, Hemoglobin, Mice.