

**THE EFFECT OF GIVING EXTRACT OF MAHKOTA DEWA FRUIT  
(*Phaleria macrocarpa*) TO TRIGLISERIDA BLOOD  
RATE ON MICE WITH HIGH FAT FEEDING**

Ichsanul Isfahany

**ABSTRACT**

The aim of this research was to know and proved the effects of giving extract of mahkota dewa fruit which may decrease the blood rates of trigliserida on mice given high fat feeding. Experiment animals that used in this research are 25 male mice on 20 - 25 gram body weight. The experimental design that used is Completely Randomyzed Design, which contains into five treatment and repetition. Group of treatment are deviding into two part. First, two group for control, which contains of negative control (Po-) and positif control (Po+). Negatif control is group that given standard feed and water, and positive control is group that given high fat feeding and water. Secondly, three group treated by high fat feeding and mahkota dewa fruit extract (P1, P2, P3) by oraly with each doses 100 mg/day, 50 mg/day, 25 mg/day. The treatment is done on five weeks. The blood samples taken by intracardial. Result analized using Analysis of Variance continued by Honestly Significant Test (HSD). The final result showed that mahkota dewa fruit extract could decrease trigliserida blood rates on mice which gave high fat feeding. The dose of 100 mg/day give the biggest effect to decrease trigliserida blood rates.

**Key words** : extract of mahkota dewa fruit, trigliserida blood rates.