

CHAPTER 5

RESEARCH RESULTS AND DATA ANALYSIS

5.1 Result of Saponin and Flavonoid test

The aim of this tests are to determine the active substance present in the extract of *Acalypha indica* linn root .

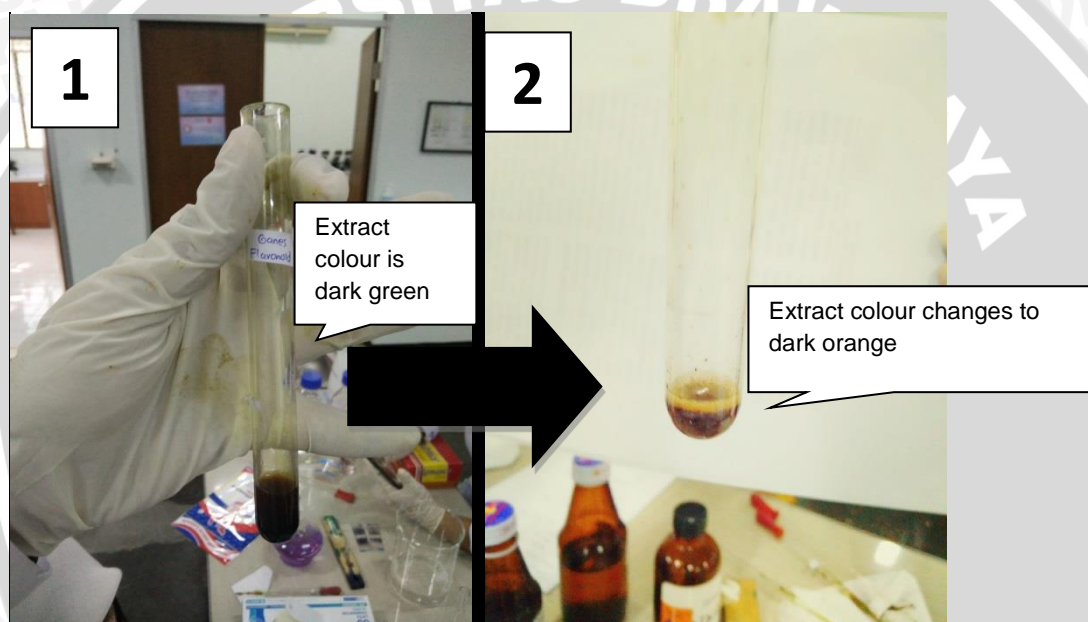


Figure 5.1 A: Figure (1) shows the original dark green colour of extract and figure (2) shows the resulting colour of dark orange after the test for flavonoid .

From picture above the dark green colour extract changes to dark orange.

The procedure was started by adding 0.5 g of magnesium into 5 ml of the extract. Later 1 ml of hydrochloric acid is added with amyl alcohol, we observed the colour changes to dark orange . This proves that *Acalypha indica* linn root extract has flavonoid as an active substance.