

Test for phenolic compound

Sample (2 g) was boiled with water for about 10 minutes and then allowed to cool and filtered. The filtrate was tested with 10% ferric chloride solution.

Test for flavonoid

Sample (2 g) was placed into a test tube and heated with ethanol in a water bath for about 10 minutes. Then it was tested with a few pieces of magnesium turning and a few drops of concentrated hydrochloric acid.

Test for alkaloid

The dried powdered sample (2 g) was boiled with 1% HCl , 25 cm³ for about 10 minutes, allowed to cool and filtered. The filtrate was tested with Drangendroff's reagent and Wanger's reagent.

Test for steroid

The sample powder (2 g) was extracted by 30 ml of 95% ethanol. The extracted solution was filtered. The filtrate was treated with 3 drops of acetic anhydride and 2 drops of concentrated H₂SO₄.

Test for terpene

2 g of sample powder was extracted by ethanol or petroleum ether. The extracted residue was filtered. The filtrate was dissolved in 1 ml of CHCl₃. After drying the CHCl₃ solution over acetic anhydride and 1 ml of concentrated H₂SO₄ was added.

Test for saponin

The sample powder (2 g) was boiled with water and the solution was filtered. The filtrate was treated with 1 drop of concentrated H₂SO₄. The resulting solution was vigorously shaken.

Table 1. Results of phytochemical test

	Glycoside Test	Phenolic Test	Flavonoid Test	Alkaloid Test	Steroid Test	Terpene Test	Saponin Test
Pink-Gu-Hteik-Paik	-	+	+	+	+	+	-

(+) = presence (-) = absence

Examination of Antimicrobial Activity

The anti-microbial activity of this sample was examined by agar well diffusion method against with six organisms in different solvents which were measured as development center for Pharmaceutical Technology, Yangon. The result are shown in Table (2).