Plant of Phaleria macrocarpa (Scheff) Boerl is medicine plant can be used to traditional medicine, ones of use it for dysentry because of infection Shigella dysenteriae. This bacteria cause by basiler dysentry the indication stomach painful, stomach in convulsion, fever diarrhea, put inside liquid feces aday or the volume of feces is rise on several day because infection included ileum, and kolon, but decrease liquid volume and contains blood and mucus. Dekok of Phaleria macrocarpa (Scheff Boerl) can be used inhibiting of growing inhibiting Shigella dysenteriae it can be used on Phaleria macrocarpa (Scheff) Boerl) contain flavonoide on a pharmacology can be useful to dysenteriae medicine because has capability statistic bacteria and sidal bakteria. 

The purpose of this research is to know the influence of a variant dekok concentration. Phaleria macrocarpa (Scheff) Boerl) on bloked zone Shigella dysenteriae and to know contrentation of dekok Phaleria macrocarpa (Scheff) Boerl) grow inhibit of Shigella dysenteriae are most effective. This research use true experiment Research and design be used The Post Test Control Group Design this research treatment existence repeatedly and control existence this plant uses is plan complete random (RAL) with greatyment (40%, 50%, 60%, 70% and 80%) and be repeated as 6 tretment. The population of this research is pure cultivated bacteria Shigella dysenteriae be taken from Laboratory of Medical Muhammadiyah University of Malang. The sample on this research is pure cultivated bacteria Shigella dysenteriae are culculated and than to be continued with Duncan test with Level of Signifikant 5%

The result of this research shown there are differenciate of influence dekok Phaleria macrocarpa (Scheff) Boerl) from other variant concentration on diameter inhibit zone Shigella dysenteriae. The result of Duncan test on concentration 80% an average diameter of inhibit zone is higher are 21,43 mm concentration of dekok Phaleria macrocarpa (Scheff) Boerl) are more effective on inhibit zone bacteria Shigella dysenteriae are 80% concentration. On this research have been prove that phaleria macrocarpa (Scheff) Boerl) can be used alternatif medicine to dysenteriae therapy.