

ABSTRACT

The research to make instant black cincau powder has been developed. Some methods used for repaired traditionally extraction. This research is to determine the optimal extraction level to get extract of 'janggalan' plant (*Mesona palustris*, BL) using solution NaOH at pH 11 to make instant black cincau powder.

In this experiment, extraction effected to stems, combined and leaves of 'janggalan'. The samples variation that used were 15 grams for leaves and 30 grams for stems and combination. Total solution used for each extraction was 600 ml and total time for boiling was 60 minute. Extraction was effected until five levels, so for level extraction n needed solution 600 ml/n and boiling time 60 minute/n.

Our results showed that extract of 'janggalan' plant increased significantly with increasing the level extraction. But the optimum extraction level to get a good physically gel produced by third level extraction. Gel had higher value of breaking strength, deformation and cohesiveness but lower value in the percentage of syneresis. In the sensory test most preferred than the others.