

ABSTRACT

SCREENING OF SECONDARY METABOLITE COMPOUNDS FROM 96% ETHANOL EXTRACT ON RED FRUIT SEEDS (*Pandanus conoideus* L) FROM KAIS WEST PAPUA USING ULTRASONIC EXTRACTION METHOD

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Indonesia has very high biodiversity, including the Red Fruit plant (*Pandanus conoideus* Lamk) which is endemic to Papua and Papua New Guinea. Currently, the use of Red Fruit only focuses on the flesh of the fruit, while the seeds are often thrown away even though the seeds and flesh have almost the same structure and function. This research aims to determine secondary metabolite compounds in Buah Merah seed extract. The method used was an experiment with phytochemical screening of seed extracts using 96% ethanol solvent and ultrasonic extraction methods. The results showed that Buah Merah seed extract from Kais, West Papua had a yield of 9.26% and contained secondary metabolite compounds such as flavonoids, tannins and steroids, but did not contain alkaloids, terpenoids and saponins.