

ABSTRACT

TEST THE ANTIOXIDANT ACTIVITY OF TEA BREW ROSEMARY LEAVES (*Rosmarinus officinalis* L.) AND STEVIA LEAVES (*Stevia rebaudiana*) BY COMPARISON (60:40)

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Traditional medicine is a hereditary heritage, one of the traditional medicinal plants is rosemary leaves. Rosemary contains antioxidant compounds that can prevent the occurrence of damage caused by free radicals. Antioxidant testing on tea brewed rosemary leaves and stevia leaves is using the DPPH method. Observations were made at a wavelength of 522nm, using a Vit C comparator. Replication was done 9 times to determine the composition of a sample quantitatively. From the results of research and observations obtained % impregnation of Vit C concentrations of 1, 2, 3, 4, and 5 ppm quite significant. As for the result % of distribution of tea rosemary leaves and stevia leaves on 9 samples is not much different. Testing the activity of rosemary leaves (*Rosmarinus officinalis* L.) and stevia leaves (*Stevia rebaudiana*) with Vit C comparators can be conclude that Vit C has a higher antioxidant activity than tea brew rosemary leaves and stevia leaves. But the tea of rosemary leaves (*Rosemary officinalis* L.) and stevia leaves (*Stevia rebaudiana*) is still in fairly strong antioxidant activity.

Keywords : Rosemary, Brewed Tea, Antioxidant