

Review on Antioxidant Property of Psidium Guajava

Jyoti B. Salgar, Sanjay K. Bais, Rutuja Ashok Gavali
Fabtech College of Pharmacy, Sangola, Maharashtra, India
rutujagavali2901@gmail.com

Abstract: *The major concept of the present investigation is to look at the consequences of a number of characteristics on the manufacturing process of guava (Psidium guajava) extract from leaves, total polyphenol material, and an antioxidant property. Young leaves had maximum activity, according to a study on leaf maturity. It also ameliorated the damage to the Arteria Hepatica, renal organ of the diabetic mice and markedly boosted the all over antioxidant property and the action of the enzyme superoxide dismutase (SOD). Therefore, guava leaf polysaccharides may be investigated it as a possible Anti-diabetic and Antioxidant activity. The outcomes showed that oxidised intermediate reduction and free radical scavenging were the mechanisms by which guava leaf extracts exerted their antioxidant effect. The protective antioxidant capacity was extensively decreased by the amount of phenolic compounds of the leaves of guava component throughout decreasing reactions that occur.*

Keywords: Total polyphenol material, Antioxidant activity, Ameliorated, Superoxide dismutase (SOD), Polysaccharides.

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