

ABSTRACT

The purpose of my research was to determine phenolics found in plant named *Acacia Arabica* and its antioxidant activity. *Acacia Arabica* is a popular ornamental avenue tree. It is commonly known as babool used in various System of Medicine for the prevention and treatment of various health ailments and has been in practice for hundreds of years. The bark of *Acacia Arabica* has been found to be effective against a variety of disease including skin disease, stomach diseases, diabetes and most concerning with cancer. Several polyphenolic compounds have been found out in bark. It was came into knowledge that antioxidant activity was concentration dependent. It also briefly reviews the ethnobotanical as well as medicinal uses of bark of *Acacia Arabica* with plant description. This was an attempt to compile and document information on different aspect of *Acacia Arabica* and its potential uses.