

## ABSTRACT

Crude extract of dried and grinded plant of *Myrtus communis* was dipped in methanol along with small quantity of distilled water. This process was repeated three times. The crude extract was further extracted in different solvents based upon their difference in polarities (Like n- hexane, chloroform, ethyl acetate and n- butanol) through solvent extraction.

These extracts were subjected to the measurement of antioxidant activity by using different techniques! FRAP method, TPC methods, DPPH method and phosphomolybdenum method. Different standards like gallic acid and trolox acid were used. The absorbance values were determined from spectrophotometer.

It was found that some fractions of this plant show comparable antioxidant activity and thus this plant can be used as natural antioxidant. Ferric reducing ability was also assayed and %age reduction of ferric ions was also determined.