

# Pre-clinical study on ethanolic preparation of *Ruta graveolens* and *Thlaspi bursa pastoris*.

## Methods

DPPH

FRAP

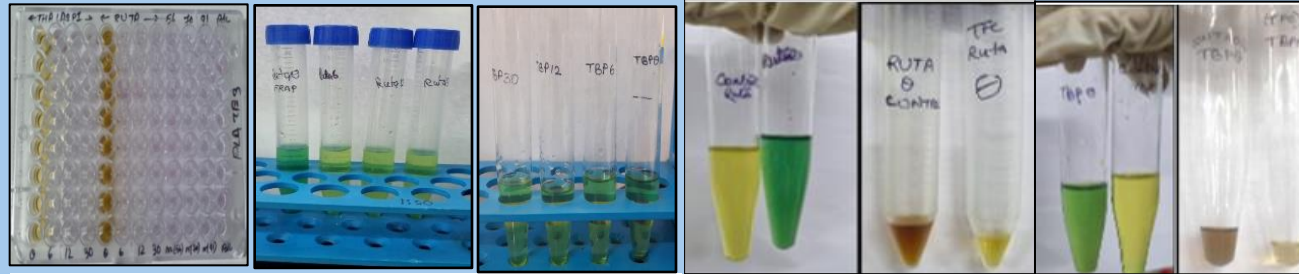
TPC

TFC

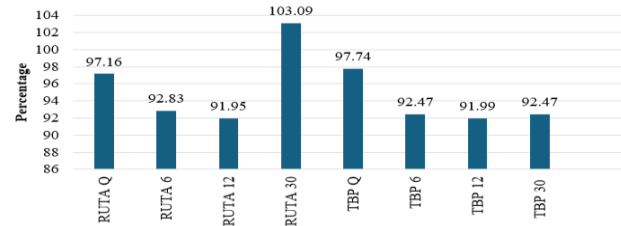
Ruta  
graveolens  
Q, 6C, 12C  
and 30C

Thlaspi  
bursa  
pastoris  
Q, 6C, 12C  
and 30C

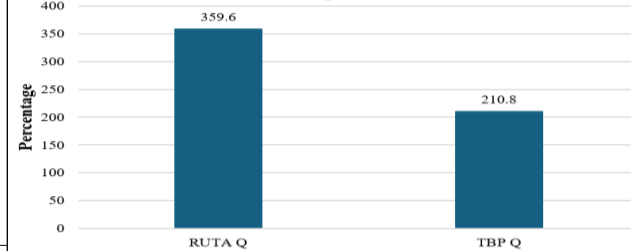
## Results



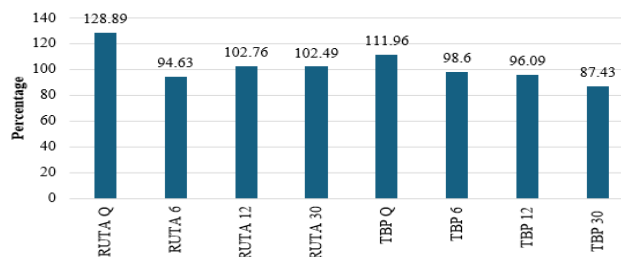
DPPH assay of *Ruta graveolens* and *Thlaspi bursa pastoris* each at Q, 6C, 12C and 30C.



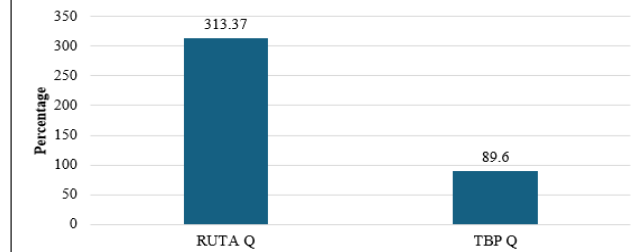
TPC analysis of *Ruta graveolens* Q and *Thlaspi bursa pastoris* Q



FRAP assay of *Ruta graveolens* and *Thlaspi bursa pastoris* each at Q, 6C, 12C and 30C.



TFC of *Ruta graveolens* Q and *Thlaspi bursa pastoris* Q



## Conclusion

This study concludes that ethanolic preparations of *Ruta graveolens* and *Thlaspi bursa pastoris* have antioxidant activity.

## Highlights

- *Ruta graveolens* Q, *Thlaspi bursa pastoris* Q and their potencies in ethanolic preparations have shown antioxidant properties through DPPH and FRAP assays.
- *Ruta graveolens* Q shows higher phenolic and flavonoid content than *Thlaspi bursa pastoris* Q.
- These medicines offer an alternative approach to diseases caused by oxidative stress.