

# Phytochemistry characterisation, Dosage of polyphenols and antioxidant activity of roots and leaves of *Aristolochia baetica* L

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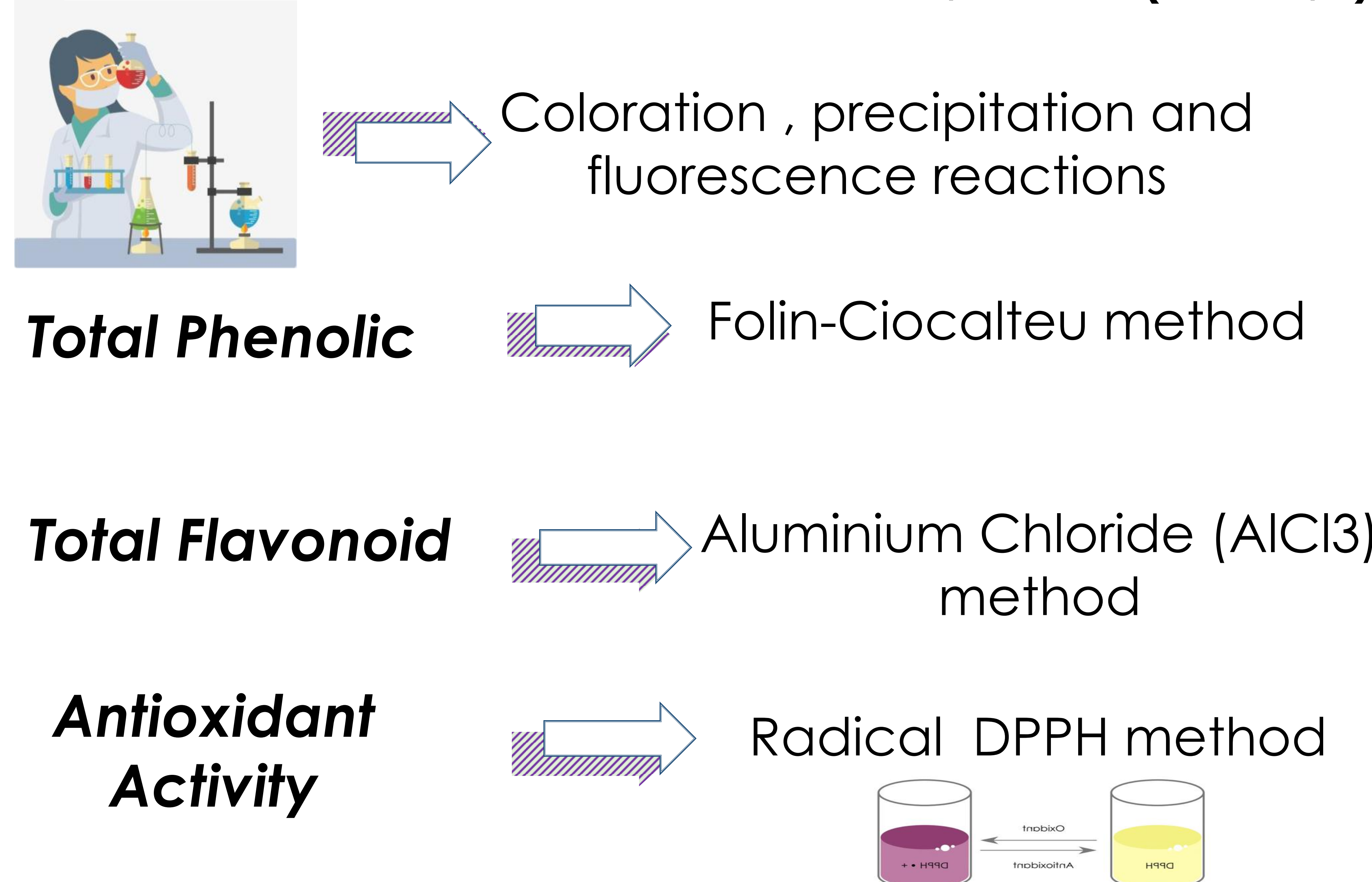
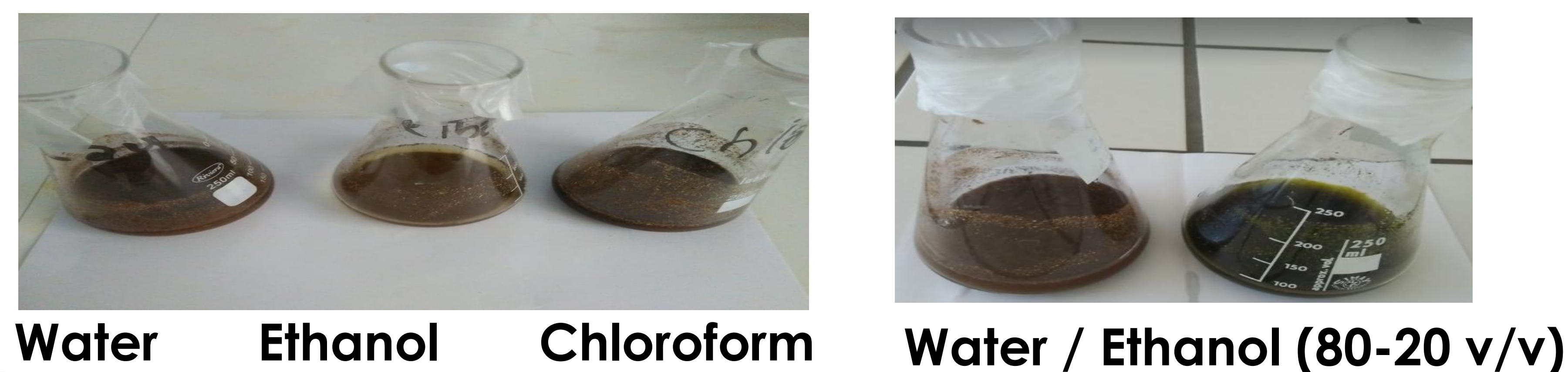
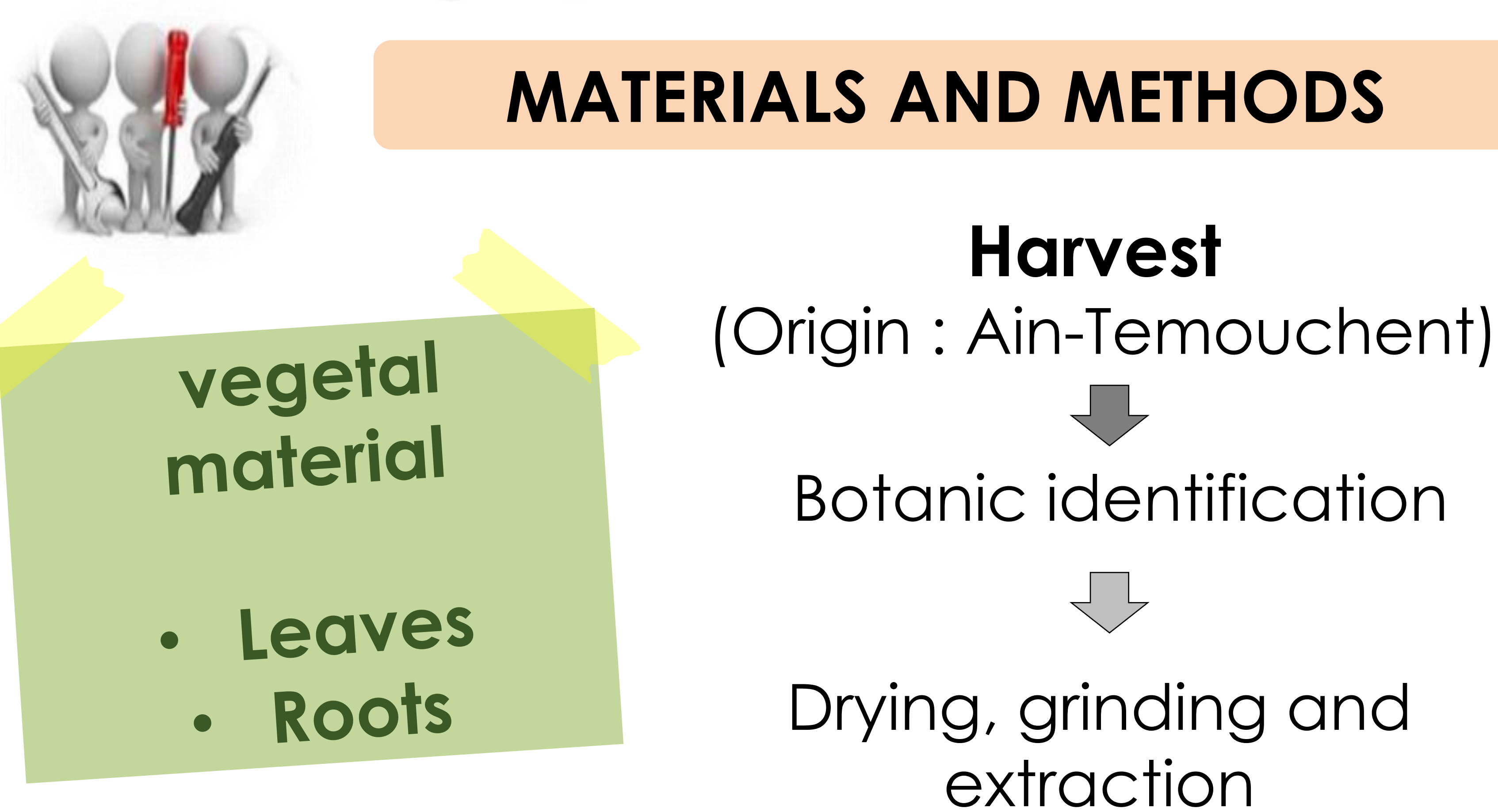
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## INTRODUCTION



Phytochemical characterisation  
Evaluation of the antioxidant activity

## MATERIALS AND METHODS



## RESULTS AND DISCUSSION

- ✓ Polyphenols
- ✓ Flavonoids
- ✓ Tanins
- ✓ Coumarine
- Alcaloids
- ✓ Steroids
- ✓ Terpenoids
- ✗ Quinons
- ✗ Cardiotonic
- ✓ Roots
- ✗ Leaves

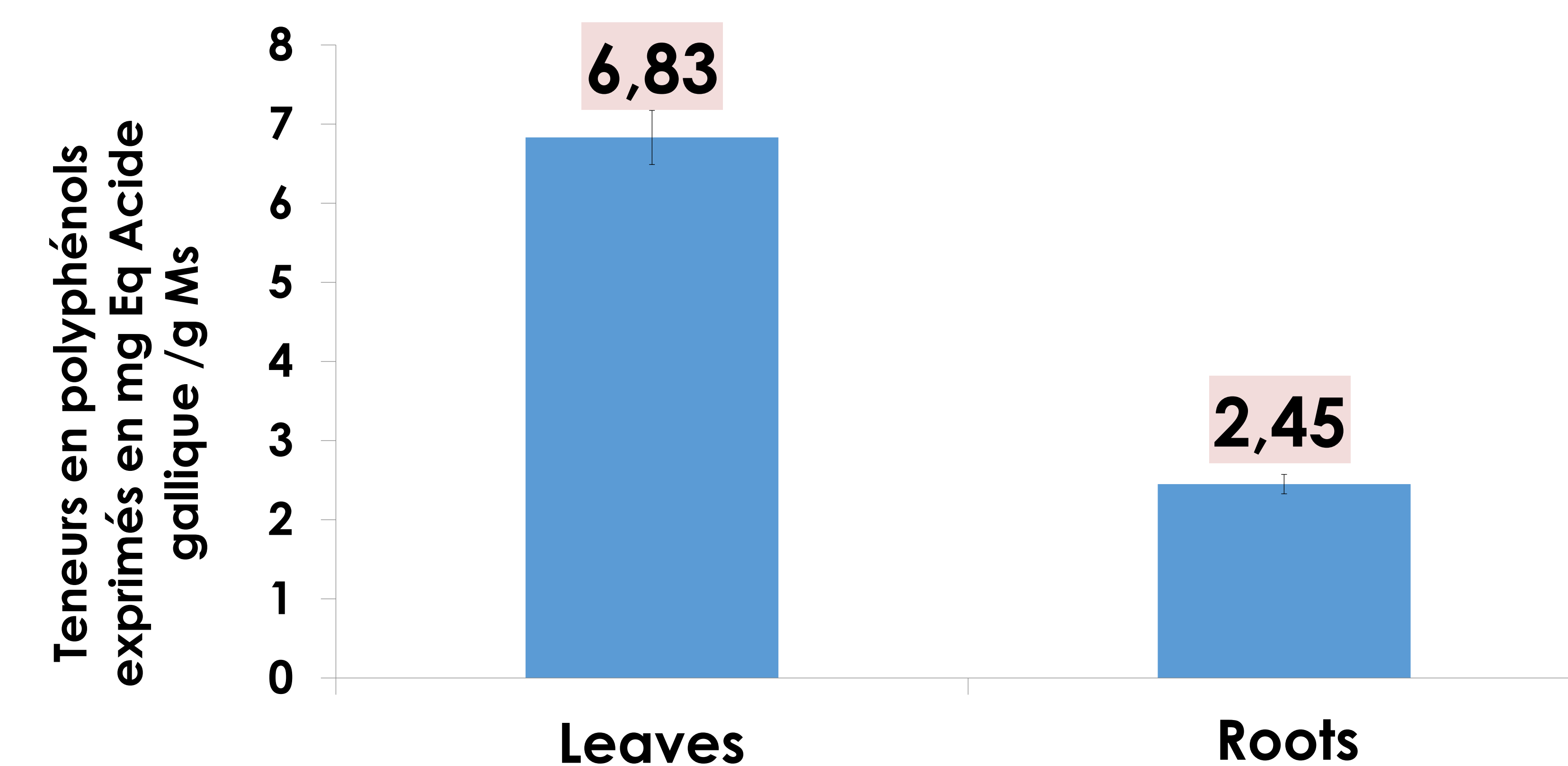


Figure 1 : Total phenolic contents

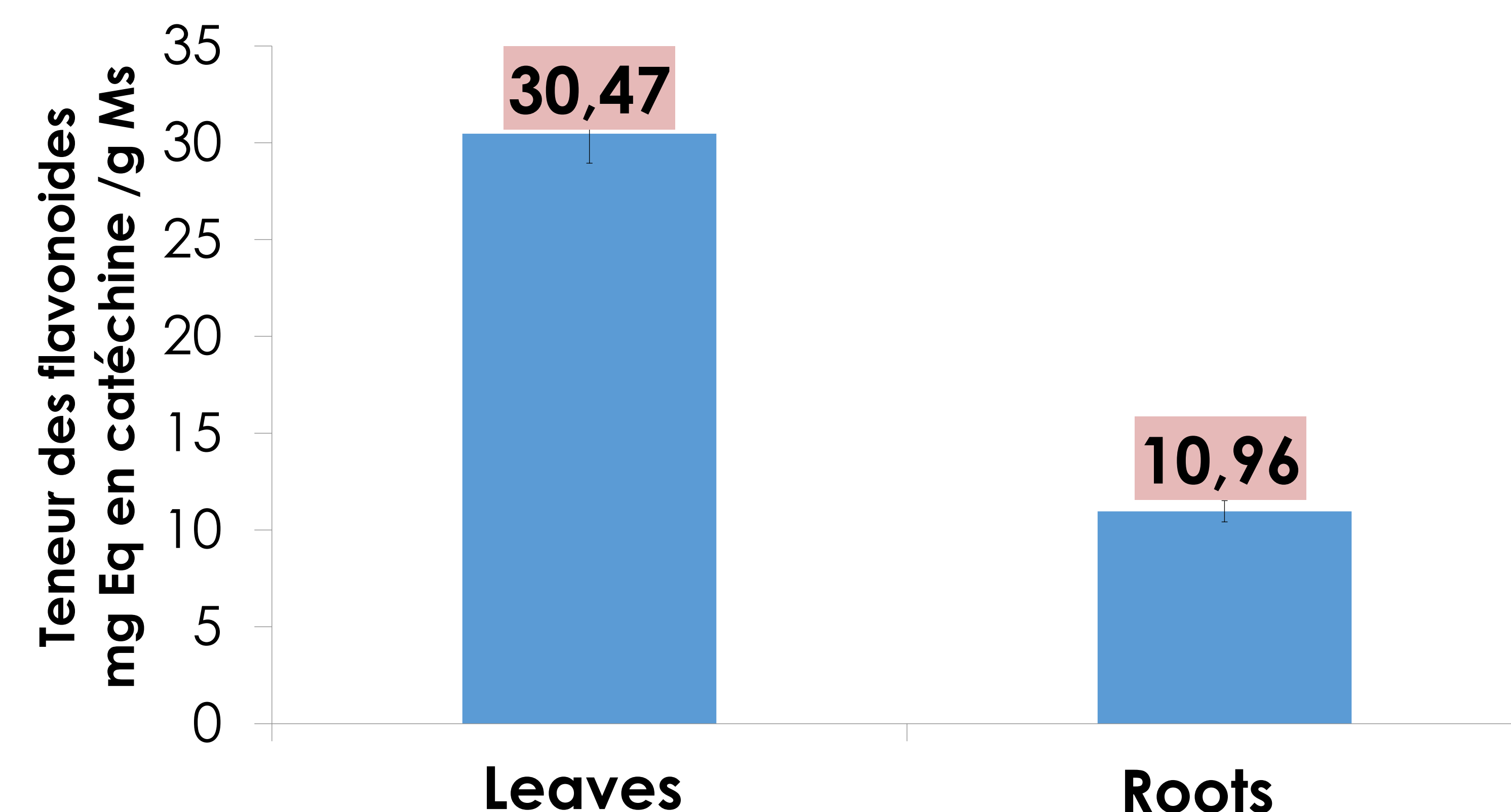


Figure 2 : Total flavonoids contents

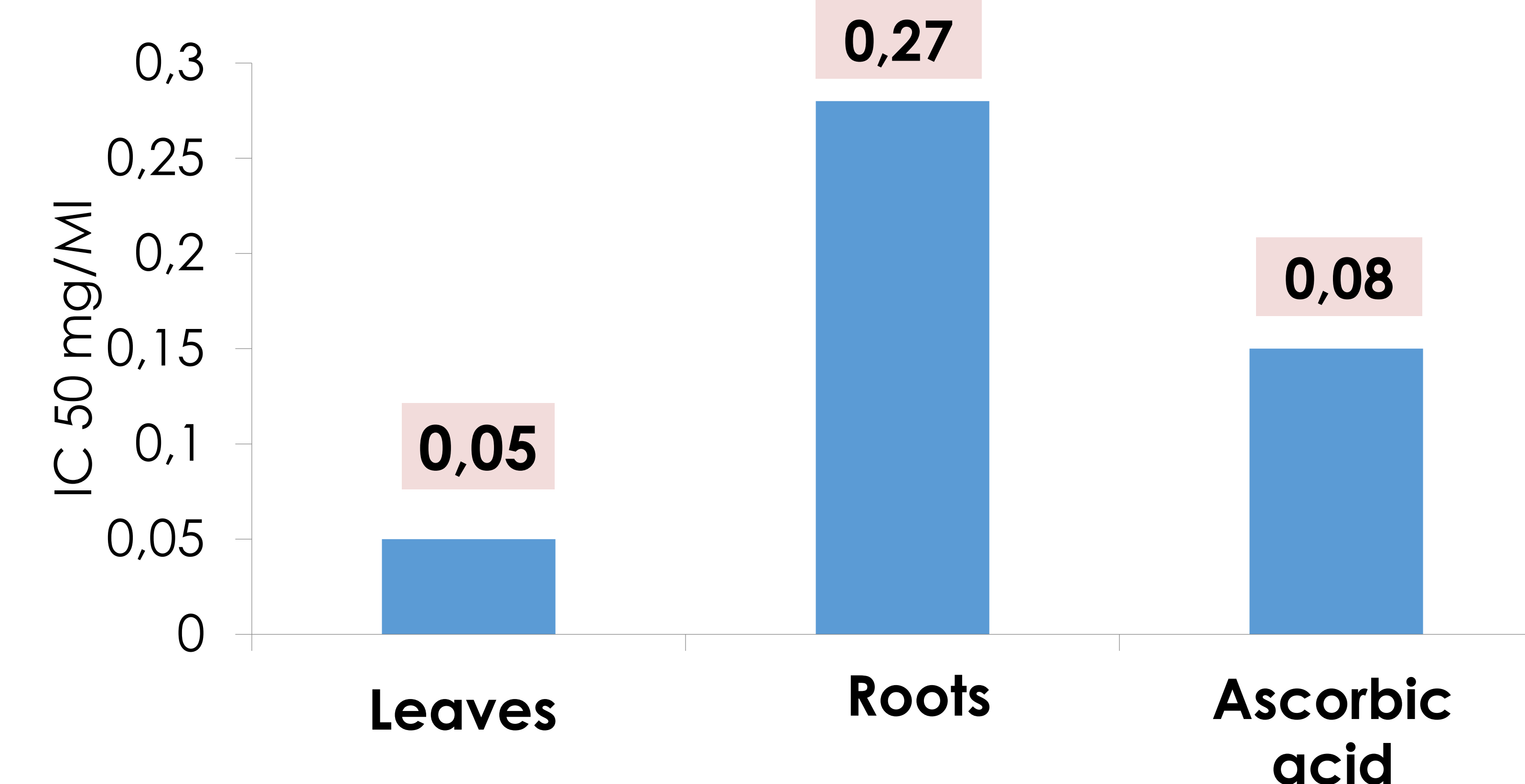


Figure 3 : IC 50 of DPPH radical

## Conclusion

The results of this study show the richness of the species *Aristolochia baetica* in different bioactive compounds, which could be necessarily responsible to their antioxidant activity. However, further studies should be carried out in order to evaluate other pharmacological properties of this plant.