

TITLE

(Must be brief, informative and indicates the main point(s) of the paper between 10-15 words)

Full Name¹, Full Name^{2*}, Full Name³

¹. Department of (Author Affiliation) with complete address and Pos Code

². Department of (Author Affiliation) with complete address and Pos Code

Email:

ABSTRACT

An abstract (200 - 300 words) embodying the main conclusion and giving the essential information and accompanied with 3 -5 key words

Key words: Key words 1, Key words 2 Key words 3 Key words 4

INTRODUCTION

should give the research objective and a brief statement of previous relevant work with references

MATERIAL AND METHODS

This section of the report gives a detailed account of the procedure that was followed in completing the experiment(s) discussed in the report. Such an account is very important, not only so that the reader has a clear understanding of the experiment, but a well written Materials and Methods section also serves as a set of instructions for anyone desiring to replicate the study in the future.

Sample 1

In preparing the catecholase extract, a potato was skinned, washed, and diced. 30.0 g of the diced potato and 150 ml of distilled water were added to a kitchen blender and blended for approximately two minutes. The resulting solution was filtered through four layers of cheese cloth. The extract was stored in a clean, capped container.

Four individually labeled spectrophotometer tubes were prepared using different amounts (as represented in Table 1) of the following reagents: a buffer of pH 7, a 0.1% catechol substrate, and distilled water. The wavelength of the Spectronic 20 spectrophotometer was set at 540 nm. To calibrate the spectrophotometer at zero absorbance, a blank control tube prepared with no catechol substrate and labeled "tube 1" was inverted and inserted into the spectrophotometer.

It is important to note that the extract to be tested was added to each tube immediately before placing the tube into the spectrophotometer. 1.0 ml of catecholase extract was pipetted into tube 2. Tube 2 was immediately inverted and placed in the spectrophotometer. The absorbance was read and recorded for time zero (t₀), the ten minute mark (t₁₀), and each minute in between. Tube 2 was removed from the spectrophotometer and the same measurements were taken for tube 3 and tube 4 using the same protocol.

Sample 2

A potato and a knife were obtained for this experiment. Also, distilled water, a blender, cheese cloth, a clean container with a cover, and eight spectrophotometer tubes were used. A Spectronic 20 spectrophotometer was used for this experiment, as were buffers of pHs 4, 6, 7, and 8. Catechol substrate, Parafilm coverings, KimWipes, a

black pen, and pipettes were also obtained for this experiment. Finally, a pencil and pad were obtained for recording results.

Sample 3

In preparing the catecholase extract, a potato was skinned, washed, and diced. A balance was used to obtain 30.0 g of the diced potato. 150 ml of distilled water was poured into a beaker. The water was added to the diced potato. The cover of a kitchen blender was removed. The potato and water were added to the blender. The solution smelled like potato. The cover was placed on the blender and the power button was depressed. The clock was observed until the second hand circled twice. The power button was pushed again to stop the blender. The resulting solution was filtered through four layers of cheese cloth. The extract was stored in a clean, capped container.

RESULT AND DISCUSSION

In the **Results and Discussion** section, you present your results and discuss them by: commenting on the results obtained, interpreting what the results mean and, explaining any results which are unexpected.

You **present** the measurements made in the experiment and you then **compare** your measurements to the calculations you made in your preliminary work or the published theoretical values.

CONCLUSION

Conclusion is a brief summary of findings and discussion. It is strongly recommended to avoid mere repetitive statements from the previous sections.

ACKNOWLEDGEMENT

If necessary put your acknowledgements here. In this section you should give credit to people who have helped you with the research or with writing the paper. If your work has been supported by a grant, you would also give credit for that in this section.

REFERENCES

Reference list format is based on APA (American Psychological Association) style. Reference list should appear at the end of the article and includes **only** literatures actually cited in the manuscripts. **Author should use reference management tool such as Mendeley, End Note and Grammarly.** References are ordered alphabetically and chronologically. When writing a reference list, please use the following conventions

Sample :

Allen LV Jr. Remington. 2012. The Science and Practice of Pharmacy: from the past into the future. *Int J Pharm Compd.* 16 (5): 358-62.

Bankars.K, Chaudhari A.V, Mahale N.B and Chaudhari S.R. 2014. A Review On Orodispersible Tabletsprepared Using Spray Dried Sustained Release Microparticles. *Journal of Advanced Drug Delivery.* 1(2): 82-95.

Belal TS, Mahrous MS, Abdel-Khalek MM, Daabees HG, Khamis MM. 2014. Validated spectrofluorimetric determination of two pharmaceutical antihypertensive mixtures containing amlodipine besylate together with either candesartan cilexetil or telmisartan. *Luminescence.* 29(7): 893-900. doi: 10.1002/bio.2638

TABLE AND FIGURE

All illustrations including figures, charts and graphs, must be labeled (in the bottom), numbered (1, 2, 3 etc) and supplied on separate pages from the text. The desired placement of illustrations in the text should be clearly indicated. These illustrations should be referred to and numbered serial, as figures.

Example :

Table 1. The Title of table

No	Variable x	Variable y



Figure 1. The title of Figure