

Edexcel (A) Biology A-level

CP02 - Vitamin C Content of food and drink

Flashcards

This work by [PMT Education](https://www.pmt.education) is licensed under [CC BY-NC-ND 4.0](https://creativecommons.org/licenses/by-nc-nd/4.0/)



What reagent is used to test for Vitamin C, and what is observed?



What reagent is used to test for Vitamin C?

DCPIP

Colour changes from blue to colourless



Outline the procedure to use DCPIP to find the vitamin C content of different samples.



Outline the procedure to use DCPIP to find the vitamin C content of different samples.

1. Transfer 1cm of DCPIP solution into a test tube with a pipette.
2. Add Vitamin C solution dropwise to the DCPIP solution. Shake after each drop.
3. Record the volume of Vitamin C that is required to change the colour of the DCPIP.
4. Repeat the experiment and replace the Vitamin C solution with the fruit juices to be tested.



State a hazard and safety precaution involved in this practical.



State a hazard and safety precaution involved in this practical.

DCPIP is an irritant, wear eye protection and avoid contact with skin.

