

Vitamin C in Food

Experiments:

To test for Vitamin C.

Materials:

You will need:

- DCPIP Solution
- four samples of different juices or drinks
- test tube rack
- five test tubes
- 5 pipettes

Method:

1. We placed some DCPIP solution into one test tube.
2. We placed four different drink samples into four different test tubes.
3. We then placed DCPIP solution into the pipette (enough for five-six drops)
4. We then added approximately 5 drops of DCPIP to each drink sample, in each test tube.
5. Then we waited and observed the DCPIP solution.
6. We recorded the results.

Result:

	Foods			
	Orange	Super Milk	Water	Blackcurrant
Observations:	The DCPIP changed from a blue colour to a clear colour.	The DCPIP blue colour disappeared.	The DCPIP blue colour remained.	The DCPIP blue colour disappeared.

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Conclusion:

1. If the blue colour of the DCPIP disappears then vitamin C is present.
2. The water contained no vitamin C and so did not change the colour of the DCPIP.