

(ii) Test for the presence of proteins:

Procedure:

1. Take a piece of hardboiled egg white in a test tube.
2. Add few drops of dilute nitric acid to it.
3. Heat the test tube gently.
4. Rinse off the acid with water and add few drops of ammonium hydroxide to it.

Observation and Inference:

The colour of the solution changes, first from colourless to yellow and then from yellow to orange red, indicating the presence of proteins.