Testing foods for starch

Circle the laboratory instruments you will need for this experiment.

  

    

Next to each name draw a sketch of the instruments above.

|  |  |  |  |
| --- | --- | --- | --- |
| Test tube |  | Wash bottle |  |
| Beaker |  | Test tube rack |  |
| Glass rod |  |  |  |
| Dropper |  |  |  |

|  |  |
| --- | --- |
| Equipment | Test tube, beaker, glass rod, dropper, wash bottle, test tube rack  |
| Materials | * starch, potato, wheatmeal, sucrose;
* iodine solution;
* distilled water.
 |
| Procedure | 1) Add 10 cm3 of water and some starch to a clean test tube. (Our sample)2) Add 10 cm3 of water and some wheatmeal to a clean test tube.3) Add 10 cm3 of water and some sucrose to a clean test tube. 4) Take a piece of potato.  |
| Activity | 5) Add a few drops of iodine solution to each of the items and observe the change of colour of the iodine (if any). Anything that turns blue-black contains starch. **Record the results in a table:**

|  |  |  |
| --- | --- | --- |
| **ITEM** | **Did iodine turn blue or blue-black** | **Was there starch in the item?** |
| Wheatmeal  |  |  |
| Sucrose |  |  |
| Potato |  |  |

 |