

Laboratory Record – Proving starch in food products

Name:

Date:

Lab-partner(s):

1) Equipment:

Specific reagents: solution of citric acid, solution of iodine, and solution of baking soda

Food products: bun (baguette), potatoes, starch, soya, powdered sugar, lentil plant, rolled oats, apple, flour, yogurt, salami, cus cus, pear, banana, rice, and salt

A) Before you start

2) What do you already know about starch? Write at least two characteristics/properties.

3) Predict, which food products contain starch. Underline them in the list of food products.

4) Write a hypothesis: Which procedure you can use to prove the presence of starch in food products? (A clue: Check all of the specific reagents and food products properly.)

B) Practical task

5) Practically develop your hypothesis from step 4. Then evaluate your hypothesis.

6) Based on your team decision, choose eight different food products and try to find out if they contain starch.

C) Conclusion

7) Write down your conclusion.