

- 6** Solution X was tested for the presence of non-reducing sugars. It did **not** contain reducing sugars.

Some steps that can be used to test for the presence of biological molecules are listed.

- 1 Add Benedict's solution to the test-tube.
- 2 Add dilute hydrochloric acid to the test-tube.
- 3 Add sodium hydrogencarbonate to the test-tube.
- 4 Heat the test-tube in a water-bath.

Which order of steps to identify the presence of non-reducing sugars in solution X is correct?

- A** 1 → 4
- B** 2 → 3 → 1 → 4
- C** 2 → 4 → 3 → 1 → 4
- D** 3 → 2 → 4 → 1