

**31** A sample of river water contains a high concentration of nitrates from fertilisers.

Which statements about the river water are correct?

- 1 It has a boiling point of  $100\text{ }^{\circ}\text{C}$ .
- 2 Its melting point is below  $0\text{ }^{\circ}\text{C}$ .
- 3 It turns anhydrous cobalt(II) chloride from pink to blue.
- 4 It turns anhydrous copper(II) sulfate from white to blue.

**A** 1 and 3

**B** 1 and 4

**C** 2 and 3

**D** 2 and 4