Research Question: How does the concentration of salt affect the boiling point of water?

Materials

: 3 beakers (100 mL each), thermometer, hot plate, stirring rod

Chemicals

: Table salt, distilled water

Procedure

:

Fill each beaker with 80 mL of distilled water.

Label the beakers as A, B, and C.

Add 0 grams of salt to beaker A, 5 grams of salt to beaker B, and 10 grams of salt to beaker C.

Stir each solution until the salt is completely dissolved.

Place beaker A on the hot plate and heat until the water boils. Record the boiling point.

Repeat step 5 for beakers B and C.

Compare the boiling points of the three solutions.

Conduct the experiment and record your observations.

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Conclusion: Explain the experimental result

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