Demonstration of Diffusion

Aim: To demonstrate that diffusion is the transfer of substances from a high concentration to an area of low concentration through a semi-permeable membrane.

Method:

1. Obtain a 30cm length of dialysis tubing, gas jar, length of string and 100mL of Iodine solution.
2. Tie one end of the dialysis tubing in a knot.
3. Open the other end of the tubing and pour approximately 5cm of starch solution into the tubing. Rinse off any starch solution on the outside of the tubing.
4. Tie off the end with the string.
5. Place 5cm iodine solution into the gas jar.
6. Remove the tubing every 5 minutes and record you observations.

Risk Assessment:

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| Risk | Mitigation |
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