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Block A
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Lab : DNA Strawberry Extraction

Hypothesis

Strawberries have DNA that has the ability to be extracted and also to be seen under a microscope.

Explanation of Hypothesis

All living things have some sort of genetic code. Strawberries are not an exception to this rule, and in strawberries this genetic code is called DNA. The DNA has the ability to be extracted due to it having a different molecular nature than the rest of the cell.

Variables

Dependent

The amount of DNA extracted from the strawberry

Independent

The size of the strawberries

Fixed

Time of which ethanol and strawberries are left together

Temperature of ice in which the ethanol is held

Amount of extraction buffer used