

Edexcel Biology IGCSE

5.6 - Anaerobic Respiration

Flashcards

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State the products of anaerobic respiration in yeast.



State the products of anaerobic respiration in yeast.

Carbon dioxide

Ethanol



How is the rate of anaerobic respiration measured?



How is the rate of anaerobic respiration measured?

By counting the number of carbon dioxide produced in a minute



Why is a layer of oil placed on top of the yeast suspension?



Why is a layer of oil placed on top of the yeast suspension?

To prevent air from entering the suspension.



How is temperature controlled?



How is temperature controlled?

Using a thermostatically controlled water bath.



State a source of error in this practical.



State a source of error in this practical.

The formation of carbon dioxide bubbles may be too rapid to be accurately counted.



State the controlled variables of this practical.



State the controlled variables of this practical.

- Volume and concentration of sugar solution
- Mass of yeast
- Time for counting bubbles

