

Metadata file for:

S.J. Leroux. 2020. BIOL1001 Potato cube and solution experiment.

Description of experiment:

I placed the same total volume of potato cube (1 or 8 cubes) in beakers (size = XX) in four different solutions (0% (Distilled Water), 0.9%, 2%, and 5% NaCl) and measured the weight of the cubes after X minutes. Potato cubes were weighed with instrument Y.

This data package includes 1 file:

1) PotatoWeight.csv

This data file includes information on the weight of potatoes in the four different solutions. See report for a description of the data collection and analysis.

Column headings and definitions:

Treatment – Name of stream sampled. A = 1 potato cube (2cm x 2cm x 2cm) and B = 8 potato cubes (1 cm x 1cm x 1cm).

Concentration (% NaCl) – % of NaCl in solution. There are four levels here 0% (Distilled Water), 0.9%, 2%, and 5% NaCl in the beaker.

Final Weight (g) – Final weight of potato in the beaker.

Initial Weight (g) – Initial weight of potato in the beaker.

Queries regarding this data package should be directed to:

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4 pts for description of experiment and contact information. Must be clear and reproducible.

4 pts for description of data file. Must include units and match file naming exactly.